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JAN 1 1928
MARSHALL'S SEEDS



D. N. Shoemaker

W·E·MARSHALL & CO·INC.
150 WEST TWENTY THIRD STREET
NEW YORK

SEASON OF 1928

General Directions to Customers

ORDER EARLY

We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

Orders for Bulbs, Plants and Nursery Stock will be shipped in due time for planting in season.

PARCELS POST

We deliver free by Parcels Post all seeds, except Beans, Corn, Peas, Farm Seeds or Clovers. If these are wanted by mail, please add the cost of postage at zone rates.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

GARDENERS AND FARMERS

Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that anyone who applies to us fails of getting the right party. No fee.

SPECIAL NOTICE—PRICES

The prices published in this catalogue are subject to market changes without notice. Owing to the fluctuating market in prices of all materials, we cannot bind ourselves on prices of any articles.

C. O. D. SHIPMENTS

We are always pleased to supply seeds to be paid for on delivery. Bulbs, Plants, Fertilizers, Insecticides and Perishable Stock will not be sent C. O. D. unless 50 per cent cash accompanies the order.

WE ISSUE THE FOLLOWING CATALOGUES AND SPECIAL LISTS

AGRICULTURAL IMPLEMENTS, MACHINERY, ETC. A complete list of farm tools.

BULB CATALOGUE. Ready about July 1st, containing a complete list of all bulbs for Fall planting and greenhouse forcing.

GOLF COURSE AND TENNIS COURSE EQUIPMENT. Illustrated list.

LILACS. A list of 100 of the best varieties.

LILIES. A complete list of 80 varieties described and illustrated. (See below).

ROCK GARDEN. Illustrated list containing over 300 varieties of plants and evergreen shrubs.

HARDY GARDEN LILIES

One of our specialties is "The Lily," and on that most interesting subject we have compiled the most comprehensive catalogue ever published and wherein all details of planting and culture will be found, including colored plates of nearly all the varieties in commerce. Owing to the great expense incurred in producing this valuable Lily book we are obliged to charge one dollar for same, which will be credited to the purchase of the first order for Lilies to the amount of three dollars or over. This means that credit slip for one dollar received with book should be sent with your first order for three dollars or over.

W. E. MARSHALL & CO. Inc.
150 WEST 23d STREET, NEW YORK

TELEPHONES: CHELSEA 3288, CHELSEA 0916

LOCATION OF OUR STORE—Our store, No. 150 West 23rd Street, is situated between Sixth and Seventh Avenues.

(Index, see page 112)

Novelties and Specialties in Flower Seeds

One is nearer God's heart in a Garden.
Than anywhere else on earth.
—Dorothy Francis Guernsey

ASTER delavayi. A beautiful Chinese variety with stout stems bearing an exceptionally large, solitary flower. The ray florets are inclined to twist and the color is a beautiful shade of lavender with a jet black disc. One of the most beautiful species of recent introduction. Pkt. 50c.

BEGONIA semperflorens, Marshall's Crimson. This Begonia resembles the Begonia Gloire de Lorraine in habit except that the flowers are a crimson-fire red color. It makes a wonderful plant for bedding with its light green foliage, and as a pot plant blooms continuously. Pkt. 50c.

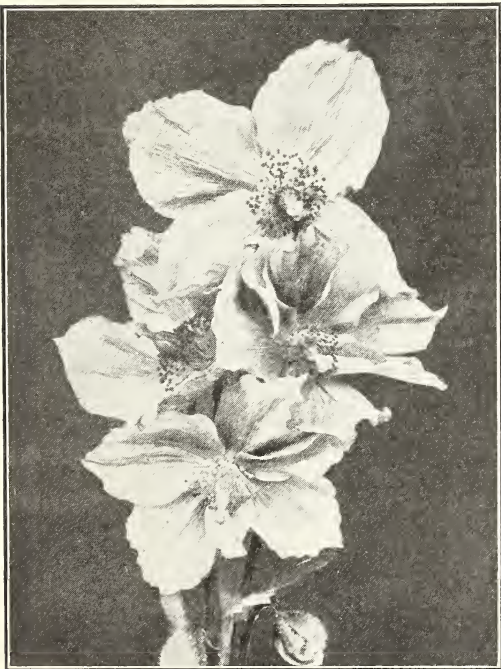
COREOPSIS grandiflora flora plena. A semi-double form and great improvement of the old-well-known type. A very graceful flower with long, strong stems. Pkt. 50c.

DAHLIAS Marshall's Southern California Growers Seed. This strain of seed has produced some of the best novelties in Dahlias the past few years. We offer seeds of 10 well known varieties. They will bloom the first season, making as large plants as ones grown from tubers. The results will be many wonderful types and colors not seen in the flowers grown from tubers. For prices and varieties, see page 56.

DELPHINIUM Wrexham or Hollyhock Hybrids. This wonderful strain is conspicuous for its broad-based tall spikes, carrying large individual flowers that run largely in deep shades, much prized by experienced growers. Even the young plants blooming for the first time are a revelation to Delphinium growers, and their massive character in fuller maturity is cause for fresh amazement. See Color Plate Page IV. Pkt. \$2.00.



Delphinium, Wrexham Hybrids



Meconopsis baileyi

DIGITALIS Giant Shirley Hybrids. These hybrids are very large in size and vigor, growing from 5 to 6 ft. in height. Flower heads are 3 ft. long, crowded with bell-shaped flowers. Colors range from white, shell pink and deep rose, many dotted with crimson. Pkt. 25c., 1/8 oz. \$1.00.

GAILLARDIA Portola Hybrids. A superb new strain, bearing flowers of a very large size. The colors range in shades of bronzy-red with golden tipped petalage. A robust grower and fine cut flower. Pkt. 25c.

MECONOPSIS baileyi. A beautiful new perennial originally found in Thibet in 1913. It bears an irregular cyme of nodding flowers of a glorious shade of sky blue, a ring of golden anthers adds to the beauty of the bloom. Pkt. \$1.00.
Integrifolia. The flowers resemble the Oriental Poppy, but of a beautiful soft clear shade of primrose-yellow. Pkt. 50c.

PAPAVER nudicaule, Marshall's Sunbeam. A greatly improved strain of the Iceland Poppy. Flowers much larger and many additional colors than the ordinary strain. Pkt. 25c.

POPPY American Legion. This new Shirley Poppy originated in California. It should be grown extensively for Poppy Day. The color is a brilliant orange-scarlet with yellow anthers. Pkt. 10c., 1/4 oz. 50c.

FLOWER SEED SPECIALTIES—Continued

SALVIA *Salmon Beauty*. A charming salmon-colored variety growing about 1½ ft. high. Habit and growth similar to the well-known *Salvia Bonfire*, with salmon flowers. Pkt. 25c.

VERBENA *hybrida colossea*. A new race of Verbenas with a vigorous and free-flowering habit. The large, full, round sprays carry flowers every one of which are fully 1 in. in diameter, and in many instances almost resemble a Hyacinth. The illustration shows the distinct size of flower in comparison to the older types. Color rose with white eye. Pkt. 50c.

VIOLA *cornuta*, "Jersey Gem." The flowers are a pleasing shade of deep violet-blue and may be relied on to come about 70 per cent true from seed. It forms a large, compact plant, producing a continuous profusion of bloom throughout the Summer. Pkt. 50c.

VISCARIA *compacta*, *Blue Gem*. A charming annual growing about 8 in high, very free flowering. Color bright blue. Very useful as a pot plant. Pkt. 25c.

Compacta, *Rosy Gem*. A companion to the above only in a beautiful rose color. Pkt. 25c.

WALLFLOWER *Early Wonder*. A double annual-flowering Wallflower which will bloom in five months from seed. It grows about 2½ ft. high with many lateral branches and is specially adapted for cutting purposes. It was given an Award of Merit at the R. H. S. in June, 1926. Mixed colors. Pkt. 50c.



FOR OTHER FLOWER SEEDS,
SEE PAGES 28 to 49

Verbena Hybrida Colossea.

SPECIALTIES IN VEGETABLES

BROCCOLI *Marshall's Green Heading*. A distinct type of Broccoli with a delicious flavor, without the strong Cauliflower taste. It forms a small head with a branching habit, which are a dark green color from September until severe weather in December. Pkt. 25c., ½ oz. \$1.50, oz. \$3.00.

CABBAGE *Marshall's Baby Head*. Small, perfectly round, solid heads, few outer leaves, adapted for forcing in hotbeds or for early use in the garden. The small heads mature in six to seven weeks after planting. Pkt. 10c., ½ oz. 60c., oz. \$1.00.

CARROT *Long Red Surrey*. A fine exhibition variety, with long, tapering root, smooth skin of orange-red color. A good keeper and suitable for deep soils. Pkt. 10c., oz. 30c., ¼ lb. \$1.00.

CELERY *Easy Blanching*. This variety resembles Golden Self Blanching, but the leaves are green and the stalks blanch white instead of yellow. It matures about two weeks later after that variety, but is an excellent Winter keeper. One of the easiest varieties to blanch. Pkt. 15c., ½ oz. 60c., oz. \$1.00.

CORN *Marshall's Earliest of all*. An extra selection of Red Cory, and the earliest Sweet Corn. Stalks grow about 4 feet high. Ears six inches long 8 to 10 rowed, grains white. ½ pt. 20c., pt. 40c., qt. 75c.

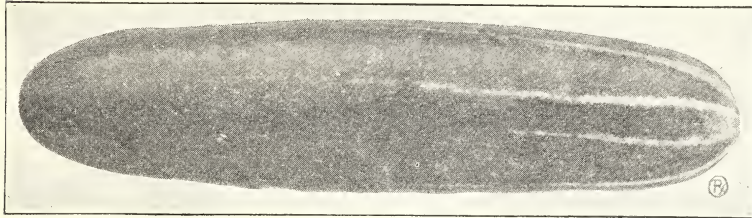


Broccoli, Green Heading



SPECIALTIES IN VEGETABLES—Continued

CORN Golden Sunshine. The earliest of the Golden Bantam type, maturing a week to 10 days earlier than that variety. More dwarf in habit than Bantam, with ears 6 in. long. Containing 12 rows of broad, yellow, sweet grains. Especially valuable for its extreme earliness. $\frac{1}{2}$ pt. 20c., pt. 40c., qt. 75c.



Cucumber, Marshall's Longfellow

CUCUMBER Marshall's Longfellow. This variety succeeds equally well in the garden or greenhouse. It is of the White Spine type, intense dark green color, fruits average 12 to 14 in. long by $2\frac{1}{2}$ in. in diameter. An ideal type for the home garden. Pkt. 15c., oz. 60c., $\frac{1}{4}$ lb. \$1.50.

LETTUCE Marshall's Matchless. This wonderful, tender Lettuce which is a cross between a head variety and the Cos type, originated in California a few years ago and came to our attention by a private grower. It is the sweetest and tenderest variety grown. The crown portion of the head is slightly loose, with a small yellow head. It is an ideal variety for the home or private gardener. (See illustration, page 13.) Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

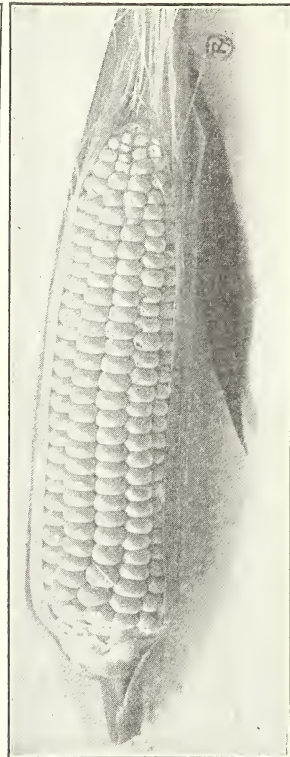
LETTUCE Wheeler's Tom Thumb. A splendid forcing variety, small head, dark green, crumpled leaves, forming into a small, butter head. Pkt. 10c., oz. 75c.

PEPPER Marshall's Early Giant. A very large variety adapted for growing in the Northern states, early and prolific. Color deep green turning to brilliant red when ripe. Flesh very thick and sweet. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00.

PEPPER-TOMATO The scarlet, oval-shaped fruits are a cross between a Pepper and a Tomato. The flavor is similar to the Tomato, but the fruit is more solid and a very small seed cavity. The plant is a vigorous grower and should be given plenty of room for growth. Pkt. 25c.

SPINACH Perpetual Summer. Resembling Swiss Chard only that the leaves are much smaller and tender. It can be cut continually from early Summer until late Fall. Leaves are green and make a delicious Spinach when cooked. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

For other VEGETABLE SEEDS, see pages 5 to 21



Sweet Corn, Golden Sunshine



DU PONT SEMESAN

With the development of **Semesan**, the du Pont Company made available the most effective all-purpose seed and plant disinfectant on the market. The use of this remarkable mercuric compound, the first that may be employed, either in dust or liquid form, not only provides disease control, but accelerates seed germination, invigorates seedling growth, insures sturdier stands and produces larger, more beautiful flowers, foliage and vegetable crops.

Semesan will control such disease organisms as "damping-off" of seedlings, stem rot of Carnations and root rot of Violets, which are borne in the greenhouse, coldframe and seed bed soils. When choice tubers or bulbs have been cut accidentally or in separation, **Semesan** will protect them from storage molds or rots. It is being increasingly used for the disinfection of cuttings, graftings, tools and general equipment used in agricultural operations.

Dahlias, Gladiolus, Lilies and other bulbs should be treated with **Semesan** before being planted. It not only accelerates the growth but prevents diseases after the bulbs are planted.

No special apparatus is required to apply **Semesan** in either dust or liquid form. In general, the methods now employed in dusting or spraying are satisfactory.

Descriptive booklets upon request.

Prices: 2 ozs. 60c., 8 ozs. \$1.60, 1 lb. \$2.75, 5 lbs. \$13.00, 25 lbs. \$62.50.

NON-WARRANTY

We give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms, they are at once to be returned. W. E. MARSHALL & CO., Inc.

Trained Fruit Trees

Specially Budded on "Dwarfing" Under Stocks

Trained fruit trees are grown to a far greater extent in European gardens than they are in this country, and we believe this is due more to the lack of production by American nurserymen, rather than a disinterest-ness by private gardeners.

Previous to the Federal Horticultural embargo these trained fruit trees were imported from England and France, but during the embargo period, they have seemingly gone off the market—no American-trained trees being available.

We are sure many gardeners and amateurs will welcome our offer of trained trees in Apples, Pears, Peaches and Cherries at this time. They have been grown for us by one who has literally spent a lifetime on the "other side" in this very interesting work, and the shapely specimens express the care and skillful pruning to which they have been subjected.

Trained fruit trees should have a place in every garden. (In England they may be seen in both vegetable and flower gardens.) It is a simple matter to erect a "post and wire" paling to which they may be lightly tied or to a "wired wall," which is accomplished by driving wooden pegs into the wall at intervals of 1 foot each way, leaving 3-4 inches protruding, to which the galvanized wires are horizontally attached by staples. The "leaders" of the trees are carefully tied to the wires, by "figure of eight" loops of tarred twine or heavy raffia, which allows limited leeway and prevents chafing.

Styles of Trained Trees. We offer three distinct types of trees, namely: (1) Upright Single Cordon; (2) U-shaped or Double Cordon; (3) UU-shaped or Palmette-Verrier.

Grown on the post and wire method, Apples, Pears, Peaches and Cherries are very ornamental in the garden—indeed they make a useful and artistic wind screen and background to flower beds and borders, the highly-colored fruit adding further brightness to the general tone of the border.

They bear very considerable crops of splendidly colored, large fruit, without shading or otherwise interfering with the flowers or vegetable crops planted nearby; fruit is easily gathered and trees are readily manured and pruned.

The special "dwarfing" stocks upon which they are grafted prevent vigorous "lateral" growths, and by careful pruning they will develop fruit spurs over the complete length of the main stems, thus keeping the trees shapely and well provided with fruit.

The chief object in training fruit is to cover as large a surface as possible and at the same time to have the full strength of growth equally distributed throughout a given space. For this purpose we consider the "U-form" and the "Palmette-Verrier" the better adaptable. The branches that are trained vertically will bear fruit, large and better-formed, and more productively than trees that are allowed to grow at their ease.

It is a peculiar feature of a trained fruit tree how quickly and evenly it will develop fruit-bearing side branches that are short and symmetrical in growth. A trained fruit tree, grafted on the proper understock, easily demonstrates its character and its purpose as it takes only three years to develop fruit. Meanwhile, by encouraging the development of the lateral fruiting spurs (by stopping the lateral leaders) it is absolutely possible to determine three years in advance the amount of fruit the tree will bear, as the fruit branches may be so controlled to bear the same amount of fruit from year to year.



Single cordon Apple, 3-year-old, fruiting from the ground up

APPLES

BUDDED ON PARADISE

Single Cordons, \$3.00 each; U-shaped, \$4.50 each

Palmette-Verrier, \$12.00 each. Fall delivery only

Duchess of Oldenburg. Very large, roundish, streaked with red and yellow; whitish flesh; juicy; flavor sub-acid. An abundant bearer. Sept.

Fameuse. Medium size, roundish, oblate. Whitish ground striped with deep red. Flesh very white, juicy and pleasant. One of the most valuable. Nov., Dec.

Gravenstein. Large, striped and beautiful. Tender, juicy and highly flavored. Vigorous and productive. Sept., Oct.

Reinette a Cote. Fruit varies from medium to very large. Yellow skin with a decided blush. Nov.

Steel's Red Winter. Medium size; very highly colored. Juicy and sweetly subacid flavor when ripe. Flesh crisp, yellowish. Splendid keeper. Dec. to March.

Twenty Ounce. Very large, nearly round, yellow striped with red, good quality. Vigorous and good bearer. Nov., Dec.

York Imperial. A vigorous grower but not recommended for northern points. Large, finely colored and of good quality. Oct.

TRAINED FRUIT TREES—Continued

CHERRIES

BUDED ON WILD CHERRY

U-Shaped only. Price, each \$4.50

Bigarreau. Very large fruits of light yellow shading to deep red. Firm and rich. Most vigorous grower. Hardy and abundant cropper.

Bigarreau Napoleon. Very large fruits shading yellow to deep crimson. A most prolific bearer and one of the best of all the Bigarreus.

Black Tartarian. Very large, sweet and good flavor. A noble looking Cherry and a great bearer.

Royal Windsor. Large live-colored fruits with firm flesh and of fine quality. A very prolific bearer and a valuable late variety.

PEACHES

BUDED ON MAHALEB PLUM

Wide U-shape, 30 in. wide, 3 to 4 ft. high, \$7.00 each

Amsden. Medium size, skin greenish-white, nearly covered with purple in the sun. Early.

Beaute d'Alsace. White flesh and skin. Very juicy. Late.

Elberta. The best known Peach and certainly one of the best in quality. Freestone. Large yellow with red cheek. Flesh yellow, firm and juicy. Early Sept.

Hale's Early. Medium size, crimson skin, pale yellow flesh. Tender, melting and delicious flavor. Early.

Imperatrix Eugenie. Enormous fruits. Yellow. Juicy and one of the best keepers.

Jete de Verus. Very red skin with reddish flesh. Large size. Juicy and productive.

Maitresse Montreust. Fruits of enormous size. Skin shading pink to red; flesh reddish-yellow. Juicy. Early.

Oldmixon Free. Large, greenish-white and red. Juicy and rich. Ripens about Sept. 15th.

Riley. Reddish flesh with yellow prevailing. Skin red. Late.

Rochester. A yellow freestone variety, ripening the latter part of August. Fruit is large sweet and of delicious flavor. Blush skin.

PEARS

BUDED ON QUINCE

Single Cordon, 3 to 4 ft., \$3.00 each; U-shaped, \$4.50 each.

Palmette Verrier, \$12.00 each. Fall delivery only.

Bartlett. Large size with beautiful blush next to the sun. Very juicy and highly flavored. A strong grower, bearing early and abundantly. Sept.

Clapp's Favorite. Large size, pale lemon-yellow, flesh fine grained. Rich, melting and juicy. Good grower and very productive. Aug., Sept.

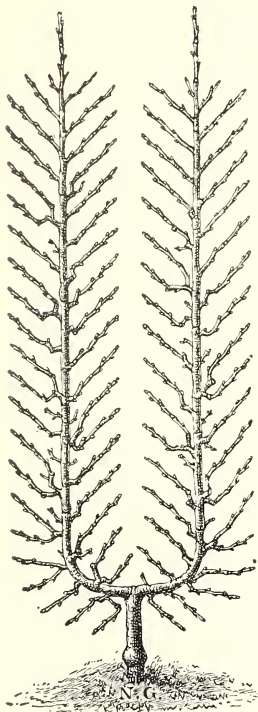
Comtesse de Paris. Yellow with greenish markings. Long, evenly shaped. Most delicious flavor. Late in ripening, but a most excellent keeper.

Duchesse d'Angouleme. Very large with rough and uneven surface. Greenish-yellow with patches of russet and dull red cheek. A vigorous, strong grower and a good bearer even while quite young. Oct., Nov.

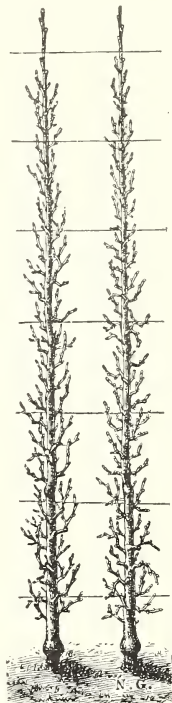
Duchesse de Merode. Long and large in shape. Color yellow with red specks. Extremely delicious. Oct.

Seckel. Small size. A yellow russet with red cheek; whitish flesh; very juicy and melting. The richest and finest variety known. A most prolific bearer. Sept., Oct.

Sheldon. Large size, roundish, greenish yellow, mostly covered with thin light russet. Very juicy. A fine grower and good bearer. Oct., Nov.



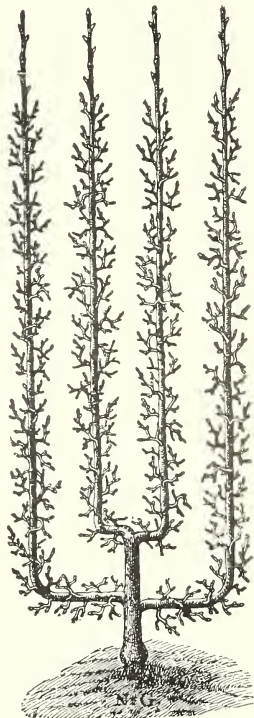
Wide U-Shape



Single Cordons



U-Shaped Tree

Palmette-Verrier
Fall delivery only

LEARN MORE ABOUT LILIES!

Lilies—symbols of purity, majesty, elegance and grace, have established and maintain for themselves a unique position in the affections and esteem of flower lovers throughout the world. Down through the corridors of the ages they have come to us—a rich heritage, periodically supplemented with rarer and choicer species, as the borders of civilization have been broadened, and man has wrested from Nature the secrets of her hidden treasures.



“Consider the Lilies”

The book, “Consider the Lilies” which we have just published at considerable expense, will, we believe, be of great interest to every home owner and gardener.

It covers, in every detail, the history, description, planting and cultural directions of one hundred and one varieties with illustrations of sixty-five varieties in natural colors.

Postpaid on receipt of \$1.00, which amount may be deducted on an order for bulbs amounting to \$3.00 or over.

Write for this beautiful book today, as the quantity for distribution is limited and it is valued at \$2.00.

Learn to know Lilies. If you love flowers you will want this book. It will pave the way to garden delights previously unknown.

NOTE PRICE CHANGES

Those who have already received our Lily Book should write for price list for 1928 wherein they will find many price changes to their advantage. It is the policy of the firm to endeavor to reduce prices where possible and particularly so in the higher priced varieties to encourage growing of some of the choicer kinds.

ILLUSTRATED LECTURES

Mr. W. E. Marshall—author of the above book—is prepared to deliver an instructive and delightful lecture on Lilies to Garden Clubs and similar organizations within reasonable traveling distance from New York City. This lecture is illustrated with exquisite colored slides, which truly portray the beauties of these flowers. There will be no charge for the lecture—the object being to increase the love of Lilies and to give authoritative information on the culture of same. (Correspondence invited.)

Mr. Marshall has already lectured on this interesting subject before the following Garden Clubs—New York: East Hampton, Bronxville, Mount Vernon, Mamaroneck, Garden City, South Shore, L. I., Canandaigua. New Jersey: Glen Rock, Cranford, Rutherford, Plainfield, Allendale, East Orange; also, Hazleton, Pa., Takoma Park, Washington, D. C., and a number of Horticultural Societies.

MARSHALL'S HARDY LILIES

MARSHALL'S 1928 SPRING COLLECTION

We have prepared the following collection of Hardy Lily Bulbs for delivery in Spring, the time for planting. They will produce an abundance of blooms during the entire season, and if left undisturbed will increase from year to year.

Three good flowering bulbs of each of the following handsome varieties in a wide range of colors:

- | | | |
|---------------------------------------|-------------------------------------|------------------------------------|
| 3 <i>Auratum</i> , white and yellow. | 3 <i>Pyrenaicum aureum</i> , yellow | 3 <i>Superbum</i> , orange-red |
| 3 <i>Davuricum</i> , red and yellow. | 3 <i>Regale</i> , white. | 3 <i>Tigrinum splendens</i> , red. |
| 3 <i>Elegans atrosanguinea</i> , red. | 3 <i>Speciosum rubrum</i> , white, | 3 <i>Umbellatum</i> , orange. |
| 3 <i>Martagon</i> , purple. | spotted red | |

(Total value of the above Collection \$14.00)

The above Collection of 30 bulbs and a copy of “Consider the Lilies” sent postpaid for \$12.00
One-third Collection, 10 bulbs, and a copy of “Consider the Lilies” sent postpaid for \$4.50

The book will be mailed immediately upon receipt of order and the Bulbs in due time for planting.

For other Hardy Lilies see pages 56c, 56d and 56e



COLD STORAGE LILIES

FOR GREENHOUSE FORCING

LILIUM HARRISI

We have a limited supply of the Bermuda Easter Lily in cold storage, that are available for early Spring forcing in pots.

Bulbs, 11-13 in. circum., 25 for \$27.50, 100 \$100.00.
Not less than 25 sold. 50 at 100 rate.

LILIUM FORMOSUM

(THE ERABU, BLACK-STEMMED VARIETY)

We consider this variety most suitable for forcing into bloom in the early Fall, as these bulbs keep in excellent condition until about July 1st.

Bulbs, 10-12 in. circum., 25 for \$14.00, 100 \$50.00.
Bulbs, 12-14 in. circum., 25 for \$25.00, 100 \$85.00.
Not less than 25 sold. 50 at 100 rate.

LILIUM GIGANTEUM

The best white variety for Christmas blooming.

Bulbs, 10-12 in. circum., 25 for \$17.50, 100 \$65.00.
Not less than 25 sold. 50 at 100 rate.

LILIUM AURATUM PLATYPHYLLUM

(THE GOLDEN-BANDED LILY OF JAPAN)

Bulbs, 9-11 in. circum., 25 for \$15.00, 100 \$55.00.
Bulbs, 11-13 in. circum., 25 for \$20.00, 100 \$75.00.



Lilium Giganteum

LILIUM HENRYI

THE ORANGE SPECIOSUM

Excellent results have been obtained by forcing this beautiful Lily into bloom in the late Fall when all Lilies have gone from the garden.

Bulbs, 9-11 in. circum., 25 for \$22.50, 100 \$80.00.
Not less than 25 sold. 50 at 100 rate.

LILIUM REGALE

After trials with this popular Lily we are convinced that it has the merits that no other Lily has for rapid forcing. The bulbs may be taken from cold storage, placed in a temperature of 60 and brought into flower in 60 days. This remarkable Lily has the faculty of producing roots almost immediately after placing in heat. The fragrant, white blooms show a tint of pink on the outside of the petals and a sulphur shading inside. The narrow dense foliage makes it very attractive for indoor decoration.

Bulbs, 5-6 in. circum., 25 for \$17.00, 100 \$60.00.
Bulbs, 6-7 in. circum., 25 for \$22.00, 100 \$80.00.
Bulbs, 7-9 in. circum., 25 for \$27.50, 100 \$100.00.
Not less than 25 sold. 50 at the 100 rate.

LILIUM SPECIOSUM

RUBRUM MAGNIFICUM or MELPOMENE

The favorite Lily for forcing into bloom for Christmas and during the Winter months.

Bulbs, 11-13 in. circum., 25 for \$17.50, 100 \$65.00.
Bulbs, 13-15 in. circum., 25 for \$27.50, 100 \$100.00.
Not less than 25 sold. 50 at the 100 rate.

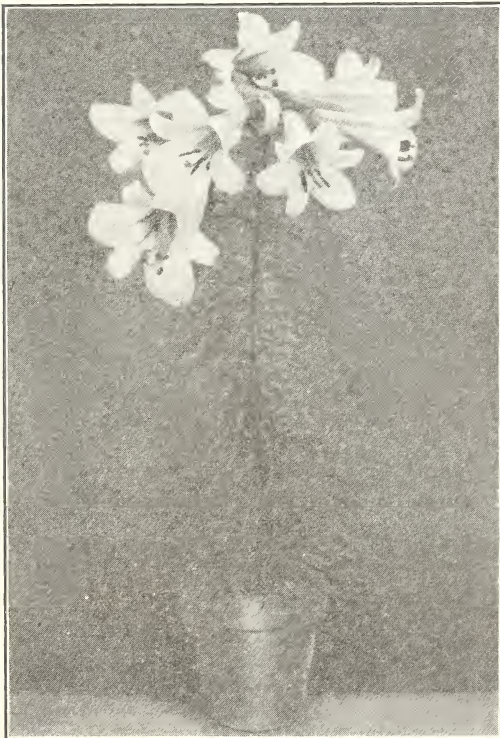
LILY-OF-THE-VALLEY PIPS

FROM COLD STORAGE

We have in storage a large quantity of Dresden Pips for forcing at any season of the year.

Lily-of-the-valley can be forced in about four weeks from cold storage pips. We cannot supply less than 250 pips.

Marshall's Matchless Pips. Case of 250 for \$17.50.



Lilium Regale

NEW HARDY PLANTS

ARTEMISIA. Silver King

This interesting hardy perennial is most attractive in the herbaceous border because of its silvery white foliage. A very attractive bouquet may be arranged by using sprays of this plant with pink Roses, Delphiniums, etc.

The remarkable feature of this plant is that the spikes of foliage may be cut and kept dry indefinitely as the leaves do not wilt or shatter after cutting.

Plants from 2¼-in. pots, 3 for \$1.00, 10 for \$2.50, 100 \$22.00.

Field grown clumps, 2 for \$1.00, 10 for \$4.50, 100 \$40.00.

BARBERRY**New Red-Leaved Japanese**

This new Barberry is similar in all respects to the green-leaved Japanese Barberry, except the foliage, which is of a rich, lustrous, bronzy-red, similar to the red-leaved Maples. It retains its color throughout the Summer and in the Fall its foliage is a vivid red shade. The scarlet berries remain on the plant the entire Winter. One-year-old plants, each 75c., 10 for \$7.00.

GYPSOPHILA. Bristol Fairy**(The New Double Babysbreath)**

With flowers three times larger than the old-time Babysbreath, whiter by far, and more freely produced, blooming from very early in the season until late Autumn, it is bound to supersede the older type. An excellent plant for the hardy border, planted singly or in clumps spaced two feet apart. Field grown grafted plants, each \$1.50, 3 for \$4.00.

HELLEBORUS NIGER**The Christmas Rose**

This interesting hardy plant can be grown in any sheltered position. It makes an excellent addition to the Rock Garden, as its blooms appear in November and continue to bloom as long as the weather is open. Frost and snow apparently have little effect on its blooming, as whenever a thaw happens in the early Winter, their flowers appear untouched by ice and snow.

The color is white, suffused with pink, and if sheltered in a glass coldframe they will turn almost pure white, on stems from 6 to 12 inches in length, flowers from 2 to 3 inches across. The leaves are large and leathery in substance.

Strong clumps, each \$1.50, doz. \$15.00.

**NOVELTIES IN
GLADIOLUS****GLADIOLUS, Mr. W. H. Phipps**

La France pink overlaid with salmon-rose, lighter toward the center, lower petals faintly striped and speckled with ruby; enormous flowers, as many as 20 open at a time; perfectly placed on long stem.

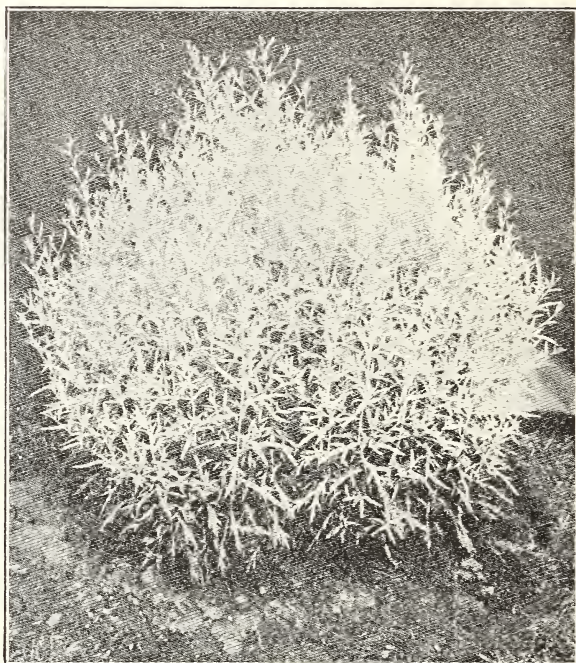
Each 75c., doz. \$7.50, 100 \$75.00.

GLADIOLUS, Mrs. Leon Douglas

Very large flowers, many open at a time, color begonia rose, striped with flame scarlet, lower petals pale lemon speckled ruby. Very tall, strong stem with several side shoots; considered the largest Gladiolus.

Each 25c., doz. \$2.50, 100 \$18.00.

For other Gladiolus, see pages 56F, 56G and 56H.



Artemisia. Silver King

**NEW GREENHOUSE
PLANTS****NEW ANTIRRHINUMS**

Jennie Schneider. A beautiful rose-pink Winter flowering with spikes two feet long.

Penn-Orange. A striking vivid orange, with subdued yellow and pink shadings, which add to its attractiveness.

Plants from 2¼-in. pots. Doz. \$3.50, 100 \$20.00.

Judd's New Early Dark Pink. A beautiful rose-pink, similar to the Premier Rose.

Judd's New Early Light Pink. A magnificent pink similar to the Columbia Rose.

The two above varieties will bloom about eight weeks earlier than all other varieties.

Plants from 2¼-in. pots, doz. \$2.50, 100 \$15.00. Not less than one dozen sold.

For other Antirrhinums, see page 57.

NEW CARNATIONS

Dorner's Early Rose. An even, clear light rose-pink that holds without fading. Growth is strong, with upright, stiff stems. Flowers 3 inches and over, with perfect calyx.

Sophelia. A pleasing shade of pink similar to Betty Lou. Long, stiff stems with full center, also keeps well. A great improvement over Matchless.

Rooted cuttings of the above, doz. \$3.50, 100 \$25.00.

For other Carnations, see page 58.

NEW FUCHSIA. Giant Pink

Exceptionally large pink and white flowers; habit half-dwarf, making a wonderful pot plant, very free flowering and the finest Fuchsia ever offered.

Rooted cuttings, doz. \$1.50, 100 \$10.00.

Plants from 2¼-in. pots, doz. \$3.00, 100 \$20.00.



NEW DOUBLE PYRETHRUM. Florence Shadley

The Pyrethrum is one of our best early flowering hardy perennials for cutting, and particularly so in the double type which, when cut and placed in water, has keeping qualities equal to any other flower. This handsome variety is a careful selection from a seedling obtained many years ago and is now so perfect that it comes absolutely true from root divisions.

The color may be described as the same as Enchantress Pink Carnation and the blooms are fully as large as a well grown bloom of same. Excellent for forcing in the greenhouse as well as for planting in the open border.

Strong root divisions, \$1.00 each, \$9.00 for 10, \$80.00 per 100

D. H. S. Co. Inc.

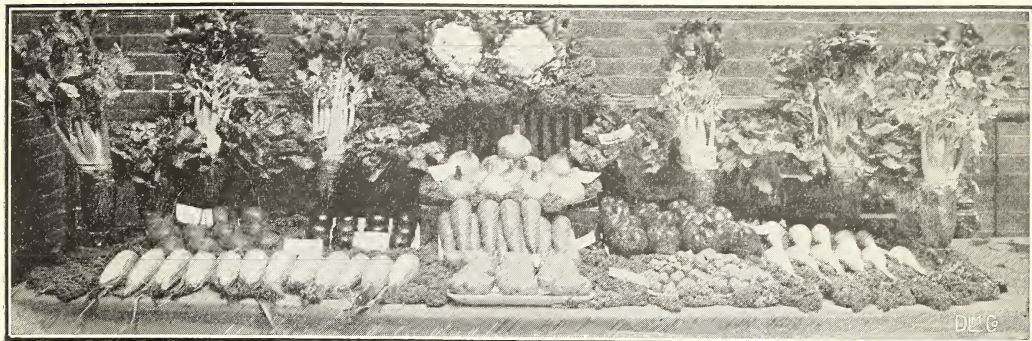


DELPHINIUMS. Marshall's Select Wrexham Hybrids

Delphiniums are the most beautiful of all hardy garden flowers. The Wrexham Hybrids represent the pinnacle of present attainment of these stately flowers, ranging in colors of wonderful shades of blue, pink and other blendings. Their stateliness of habit is remarkable, forming conspicuous pillars in the hardy border.

For cutting they are especially valuable as the colors will harmonize with other flowers and keep for several days. The plants are extremely hardy, and by removing the early flower spikes after flowering, they will bloom again in the Fall.

Strong plants, \$1.00 each, \$9.00 for 10, \$75.00 per 100. Seeds, pkt. \$2.00



MARSHALL'S VEGETABLE SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms, they are at once to be returned. W. E. MARSHALL & CO., Inc.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 25c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.50, 100 \$20.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., pk. \$1.75.

ASPARAGUS *One ounce will produce about 200 plants.*

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Conover's Colossal. Very prolific and tender.....	\$0.10	\$0.20	\$0.45
Palmetto. A fine variety, producing large, green Asparagus.....	.10	.20	.45
Washington. A rust resistant variety, with long, dark green stalks.....	.10	.50	1.50

ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture.—The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

ONE-YEAR-OLD ROOTS		100	1000	TWO-YEAR-OLD ROOTS		25	100	1000
Palmetto. Large, bright green.....	\$1.25	\$10.00		Palmetto	\$0.60	\$2.00	\$15.00	
Conover's Colossal. Deep green....	1.25	10.00		Conover's Colossal.....	.60	2.00	15.00	
Columbian Mammoth. White....	1.25	10.00		Washington	1.25	4.50	40.00	
Washington. Dark green.....	3.50	30.00		Forcing Clumps	3.00	10.00	.....

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

DWARF SHELL BEANS

Sow in drills 2 feet apart as soon as warm weather has set in; soil should be light and rich; covering about 2 inches.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.30	\$0.60	\$2.00
Red Kidney. Similar to White Kidney, except the beans are deep red.....	.20	.30	.60	2.00
White Kidney. Excellent Shell, or String Bean.....	.20	.30	.60	2.00
White Marrow. For use in a dry state in Winter, or as a String Bean.....	.20	.30	.60	2.00
English Green Windsor. A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.25	.45	.90	3.25

Add postage at Zone rates if Beans are to be mailed. One pint is equivalent to one pound.

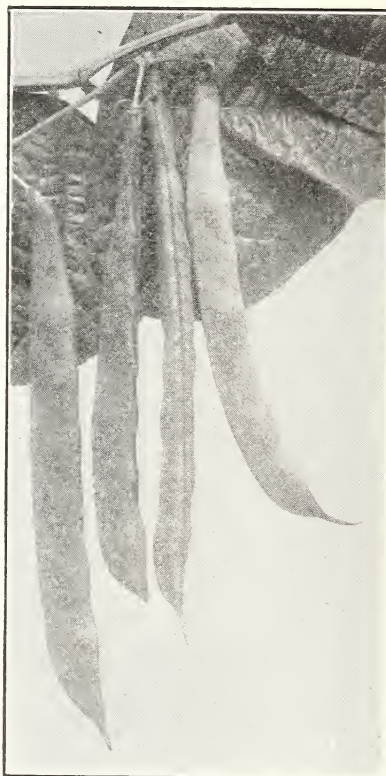
DWARF GREEN-PODDED SNAP BEANS

One quart will plant 150 feet of drill.

	½ pt.	Pt.	Qt.	4 qts.
Black Valentine. Long, round, solid green pods; very early.....	\$0.20	\$0.35	\$0.70	\$2.50
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.20	.35	.70	2.50
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.50
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific, long, round pods.....	.20	.35	.70	2.50
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods...	.20	.35	.70	2.50
Full Measure. A fine stringless bean with round, straight green pods.....	.20	.35	.70	2.50
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.20	.40	.70	2.50
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.35	.70	2.50
Masterpiece. A beautiful round, green-podded variety, long, straight, stringless pods; fine for forcing and exhibition.....	.40	.75	1.50	5.00
Refugee, Late, or 1000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod	.20	.30	.60	2.50
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp..	.20	.35	.70	2.50

DWARF WAX-PODDED BEANS

	½ pt.	Pt.	Qt.	4 qts.
Black Wax, Currie's Rust-Proof. Large, flat pods; early.....	\$0.20	\$0.35	\$0.70	\$2.50
Brittle Wax, or Round Pod Kidney Wax. Round podded, stringless....	.20	.35	.70	2.50
Davis' White Kidney Wax. Long, waxy white; flat pods.....	.20	.30	.60	2.25

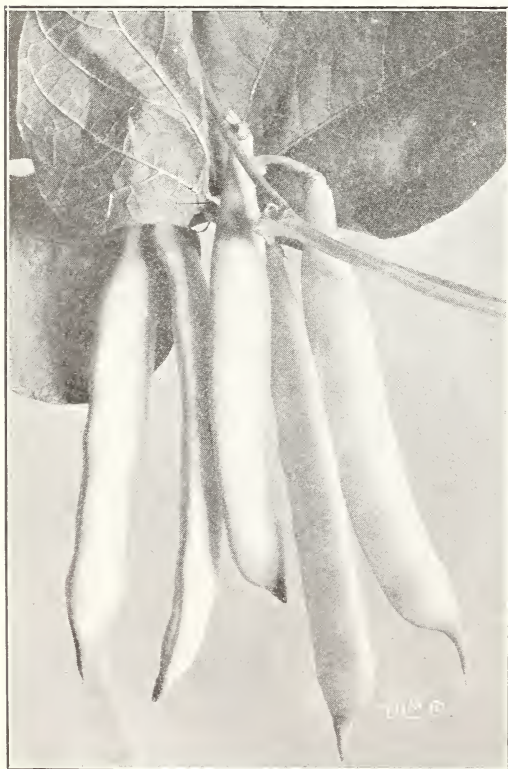


Beans, Bountiful

	½ pt.	Pt.	Qt.	4 qts.
Golden Wax, Improved. Very early; flat pods, long, stringless.....	\$0.20	\$0.35	\$0.70	\$2.50
Golden Scimitar, or Pen-cil - Pod Black Wax. Long, round, yellow, stringless pods.....	.20	.35	.70	2.50
Hodson Wax. (Valentine Wax). Handsome, thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.20	.35	.70	2.50
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.20	.35	.70	2.50
Wardwell's Kidney Wax. Early; long, straight, flat, wax, stringless pods....	.20	.35	.70	2.50

DWARF, OR BUSH LIMA BEANS

Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima	\$0.30	\$0.50	\$1.00	\$3.75
Dreer's Bush Lima. Round, thick Beans; very prolific.....	.30	.50	1.00	3.75
Fordhook Bush Lima. It is of erect habit; Beans very large, and heavy cropper.....	.30	.50	1.00	3.75
Henderson's Bush Lima, or Dwarf Sieva. Very early small type with pods about 3 inches long.	.30	.50	1.00	3.50
Wilson's Improved Bush Lima. A week to ten days earlier than Burpee's, more productive but not quite so large..	.30	.50	1.00	3.75



Beans, Golden Wax

POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Carpenteria Lima. The beans have a greenish tint; vines vigorous and very productive. A perfect Lima bean.....	\$0.25	\$0.40	\$0.80	\$3.00
Challenger Lima. Thick and productive. Best of all.....	.25	.40	.75	2.50
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.....	.25	.40	.75	2.50
Large White Lima. One of the best shell beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected.....	.25	.40	.75	2.50
Leviathan Lima. The earliest variety of pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.40	.80	3.00
Marshall's Giant-Podded Pole Lima. A rapid growing, very large podded variety. The beans are extra large and thicker than any other pole Lima....	.30	.50	1.00	3.50
Small Sieva, or Carolina Lima. Small size; early and prolific.....	.25	.40	.80	3.00
Horticultural Pole. Good as a snap or shelled Bean.....	.25	.40	.75	2.50
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.25	.40	.80	3.00
Kentucky Wonder Wax. Very early, long, thick fleshy pods.....	.25	.40	.80	3.00
Scarlet Runner. A popular English pole bean; very ornamental.....	.25	.40	.80	3.00
Tender and True (Sutton's). Long, straight green pods, excellent for culture under glass. A great yielder.....	.50	1.00	1.75	.....

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size, 35c. Garden size, 75c. State if wanted for String or Lima Beans when ordering.

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.05	\$0.20	\$0.60	\$1.75
Early Eclipse. Very early; dark blood color; small top.....	.10	.20	.60	1.75
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat. ....	.10	.20	.60	1.75
Crosby's Egyptian. Extra early, round, dark red. ....	.10	.20	.60	2.00
Crimson Globe. Fine globular shape; flesh deep purple; fine quality....	.10	.20	.60	1.75



Beets, Crosby's Egyptian

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red.....	\$0.10	\$0.20	\$0.60	\$2.00
Long, Smooth Blood. A prolific variety, very dark in color.....	.10	.20	.60	1.75
Marshall's Dark Leaved Globe. A perfect globe-shape, with a very dark texture and leaf.....	.10	.30	.75	2.50
Marshall's Exhibition Globe. Very carefully selected stock. Dark red and the finest shape Globe variety.....	.10	.30	.75	2.50
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.75	2.50
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary Beet and excellent as greens.....	.10	.20	.50	1.50
Swiss Chard, Giant Lucullus. An improved variety.....	.10	.20	.60	2.00

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre.

	$\frac{1}{4}$ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$0.30	\$0.75
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.30	.75
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.30	.75

BROCCOLI

(For Cultural Directions, see Cauliflower).

White Cape. Heads compact Pkt. Oz. $\frac{1}{4}$ lb.
and of a creamy white color....\$0.10 \$0.75 \$2.50

Marshall's Green Heading.

Forms a small head with branching habit. Matures in September and later.....

.25 3.00

BRUSSELS SPROUTS

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

Marshall's Exhibition. Pkt. $\frac{1}{2}$ oz. Oz. $\frac{1}{4}$ lb.

The finest variety of all the Brussel's Sprouts.

Very large and of superior quality.....

\$0.10 \$0.50 \$1.00 \$3.00

Long Island Improved.

Solid, round sprouts of the best quality.....

.10 .30 .60 2.00



Cabbage, Copenhagen Market

CABBAGE

One ounce will produce 3000 plants

For early use, sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use, sow the seed in May.

Marshall's Baby Head. Small, perfectly round, solid heads; fine for forcing or early use.....\$0.10 \$0.60 \$1.00 \$3.00

Marshall's First Crop. An ideal variety for the private garden, producing solid pointed heads earlier than any other variety......25 .60 1.00 3.00

Autumn King. One of the finest late varieties......10 .40 .70 2.50

Charleston Wakefield. Large conical heads. The best second early variety......10 .60 1.00 3.00

Chinese, or Celery (Pe Tsai). Resembling a Cos Lettuce; the outer leaves are used as a salad or cooked......10 .40 .75 2.50

Copenhagen Market. Very early, round head; short stemmed......10 .40 .70 2.50

Danish Ball Head. Very round; solid Winter sort. A fine shipper......10 .40 .70 2.50

Early Flat Dutch. A second early Cabbage; large solid heads......10 .40 .70 2.50

Early Spring. An extra early Cabbage with a round, flat head......10 .50 1.00 3.00

Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves......10 .40 .70 2.50

Early Winnigstadt. Conical shape; quality very good......10 .40 .70 1.50

Improved Early Summer. A superior second early sort......10 .40 .70 2.50

Large Late Flat Dutch. The heads are large and solid, with few outer leaves......10 .40 .70 2.50

Late American Drumhead. One of the largest and best keeping varieties. Fine keeper......10 .40 .70 2.50

Succession. A week later than Early Summer. Large, solid heads......10 .50 1.00 3.00

SAVOY CABBAGE

Marshall's Exhibition. Pkt. $\frac{1}{2}$ oz. Oz. $\frac{1}{4}$ lb.

The heads are of medium size and mature early, leaves deeply embossed and distinctly ornamental. The best variety for private use.....

\$0.10 \$0.40 \$0.75 \$2.50

Perfection Drumhead. A

large, improved strain. Strong and vigorous grower.....

.10 .40 .70 2.50

RED CABBAGE

Red Haco. The earliest of

all red cabbages. Round, solid uniform heads....

.10 .60 1.00 3.00

Mammoth Rock Red.

The largest red Cabbage; color deep red.....

.10 .40 .75 2.50

Red Stonehead. Medium

size, but very solid heads.....

.10 .40 .75 2.50



Cabbage, Exhibition Savoy



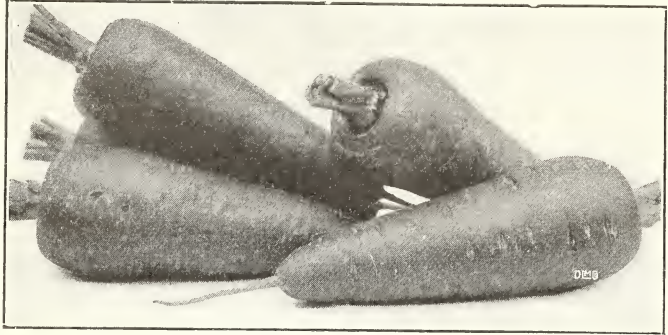
CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.



Carrot, Danvers Half Long

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.....	\$0.10	\$0.50	\$1.50	\$4.00
Early Scarlet Horn. Very thick roots; fine for frames.....	.10	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder.....	.10	.25	.70	2.25
Danvers Half Long. Large; of good quality and productive. One of the most popular sorts.....	.10	.25	.70	2.25
Half Long Stump-rooted, Nantes Strain. Very popular.....	.10	.25	.70	2.25
Long Orange. For garden and field crops this is the best variety.....	.10	.25	.70	2.25
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color.....	.10	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety.....	.10	.30	1.00	3.00
Oxheart (Guerande). Very thick and short, very sweet.....	.10	.25	.70	2.25
White Belgium. Very large; for stock.....	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3000 plants

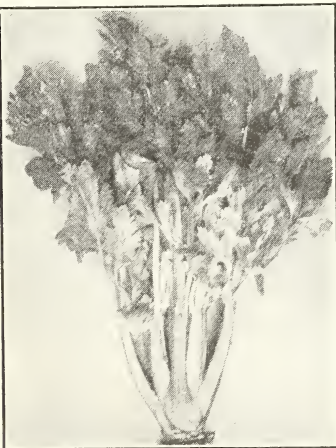
By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about $2\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.....	Pkt. \$0.50	$\frac{1}{4}$ oz. \$3.00	Oz. \$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves.....	.50	2.50	8.00
Marshall's Extra Early Snowball. One of the best for forcing or open ground.....	.25	1.50	5.00
Dry Weather. This variety is especially adapted for long, dry seasons.....	.25	1.50	5.50
Extra Early Paris. Heads of medium size; first-class.....	.10	.60	2.00
Autumn Giant. Vigorous in growth and very large; late.....	.20	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head.....	.10	.60	2.00
Market Garden. A large variety of the Erfurt type, solid white heads. A popular late sort.....	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of row and produce about 5000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.



Celery, Golden Dwarf

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Easy Blanching. Blanches very easily, medium dwarf, good flavor and a fine keeper.....	\$0.15	\$0.60	\$1.00
Emperor or Fordhook. A dwarf and stocky variety, with large, light yellow heart; very crisp and good keeper.....	.15	.60	1.00
Fin de Siecle. The largest, hardiest and best keeping Winter Celery.....	.10	.25	.40
Giant Pascal. The stalks are solid and crisp; golden yellow heart.....	.10	.25	.40
Golden Dwarf or Golden Heart. A distinct variety; crisp, solid; fine flavor.....	.10	.25	.40
Golden Self-Blanching. French grown; crisp, tender and of fine flavor.....	.25	.60	1.00
Market Red. Large and very solid. A fine table variety.....	.10	.35	.60
Marshall's Golden Plume. Two to three weeks earlier than any other variety. Blanches easily, solid, rapid growing heart; sweet, crisp and tender.....	.25	3.00	5.50
Marshall's White Plume. A valuable early variety. Requires very little blanching.....	.10	.35	.60
Winter Queen or Schumacher. Very large; solid green, Winter variety; blanches well.....	.10	.30	.50
Celery Seed. Used in kitchens for flavoring soups.....	.20	.....	.....

CELERICAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague. The finest variety. Very large roots which are almost round. Pkt. ½ oz. Oz. \$0.10 \$0.25 \$0.40

CHERVIL

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads. Pkt. Oz. ¼ lb.

Curled Chervil. The young leaves are used for flavoring soups and salads. \$0.10 \$0.40 \$1.25

CHICORY

Large-Rooted Madgeburg. Used to mix with or as a substitute for coffee. .10 .50 1.50

Witloof, or French Endive. The stalks when blanched are used for salad. .10 .50 1.50

COLLARDS

Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Cabbage greens used as a substitute for Cabbage. Pkt. 10c., oz. 20c., ¼ lb. 45c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded. The most popular variety grown. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet part, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.

EXTRA EARLY

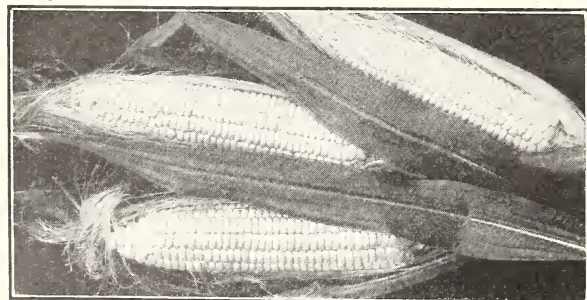
	½ pt.	Pt.	Qt.	4 qts.
Marshall's Earliest of All. One of the earliest Sweet Corns. Ears 6 to 7 inches long, with white grains. Height of stalk about 4 feet.	\$0.20	\$0.40	\$0.75	\$2.50
Charlevoix. An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor. ....	.20	.40	.70	2.50
Early Mayflower. One of the earliest white-seeded varieties. Long, well filled ears. ....	.20	.40	.70	2.50
Golden Bantam. Extra early; yellow; very sweet and tender. ....	.20	.40	.70	2.50
Golden Giant. A cross between Golden Bantam and Howling Mob. Medium growth. Ears 8 inches long. ....	.20	.40	.75	2.50
Golden Rod. Very early, golden grains and sweet flavor. ....	.20	.40	.70	2.50
Golden Sunshine. The earliest of the Golden Bantam type. Ears 6½ inches long, with 12 rows yellow sweet grains. ....	.20	.40	.75	2.50
Howling Mob. An early variety of large size ears; white, sweet grains. ....	.20	.40	.70	2.50

SECOND EARLY

Early Evergreen. Ripens about 10 days earlier than Stowell's Evergreen. ....	.20	.40	.70	2.25
Metropolitan. Large, handsome ears of fine quality. ....	.20	.40	.70	2.25

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown. ....	.20	.40	.70	2.25
Country Gentleman. Ears medium size; deep grains in irregular rows on cob and deliciously sweet. ....	.20	.40	.70	2.25



Corn, Golden Bantam

Stowell's Evergreen. The most popular variety grown; ears large and very sweet. The seed we offer has been carefully grown and selected.15 .25 .50 1.75

POP-CORN, White Rice. Shelled. Lb. 30c.

SEMESAN. Corn should be treated with Semesan before planting. It permits earlier planting, stimulates the growth and prevents disease. 2 oz. 60c., 8 oz. \$1.60.



Chicory, Witloof

CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

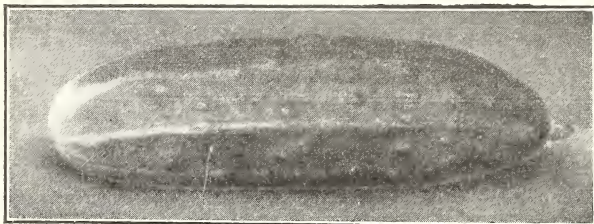
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	Pkt. \$0.05	Oz. \$0.15	¼ lb. \$0.50	Lb. \$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy.....	.10	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.....	.25	1.25	4.00	.....

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.



Cucumber, Improved White Spine

Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75
Davis' Perfect. An excellent variety both for outdoors and forcing purposes.....	.10	.25	.70
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality; for table use or pickles.....	.10	.25	.75
Everbearing. Valuable as a green pickler.....	.10	.25	.70
Extra Long White Spine. Much longer than ordinary White Spine; very prolific.....	.10	.25	.70
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green.....	.10	.25	.75
Green Prolific Pickling. Dark green; medium strength; very free bearer.....	.10	.25	.70
Improved Long Green. Long and crisp; a popular variety for pickles.....	.10	.25	.70
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.....	.10	.25	.70
Japanese Climbing. This is a strong and vigorous grower; fine for pickling.....	.10	.25	.75
West Indian Gherkin. Used only for pickles; the smallest of all varieties.....	.10	.25	.75

ENGLISH FORCING CUCUMBERS

Covent Garden Favorite	Pkt. \$0.50
Lockie's Perfection	Pkt. .50
Sutton's Matchless	Pkt. .50
Telegraph Improved	Pkt. .50

DANDELION

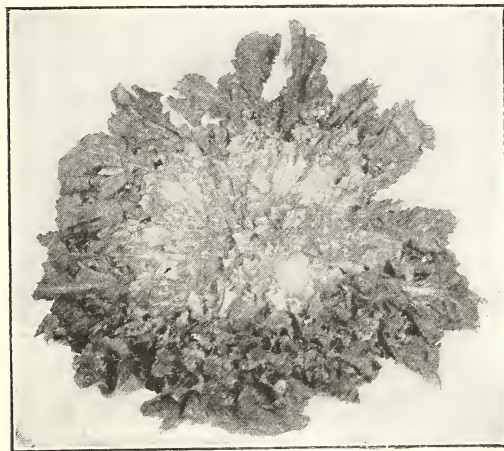
The Dandelion affords one of the earliest and most healthful Spring greens or salads.

Improved French. Large thick leaves. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

EGG PLANT

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room when the temperature will average 75 degrees.



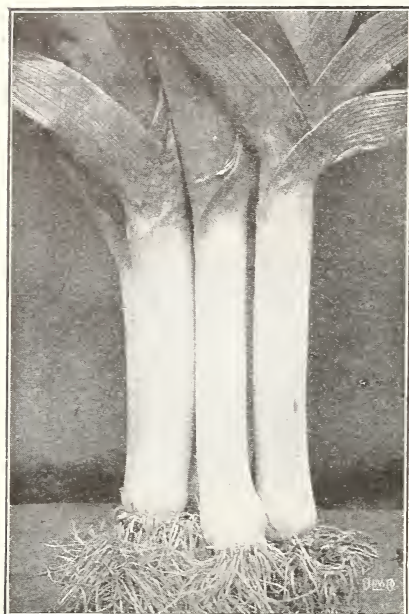
Endive, Broad-leaved

Black Beauty. As large as New York Improved but ten days earlier.....	Pkt. ½ oz. \$0.10	Oz. \$0.40	¼ lb. \$0.80	Lb. \$2.50
Long Purple. Fruit longer and smaller than the above sort; hardy; productive.....	.10	.40	.75	2.50
New York Improved. Purple; the best variety; very large, oval, heavy fruit.....	.10	.40	.75	2.50

ENDIVE *One ounce of seed for 100 feet of drill.*

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

Broad-leaved (Escarolle). Leaves long and broad; thick and succulent.....	Pkt. \$0.10	Oz. \$0.35	¼ lb. \$1.00
Green Curled. Hardy, finely curled; easily blanched. One of the best.....	.10	.35	1.00
White Curled. Blanches rapidly; excellent and very tender....	.10	.35	1.00



Leek, Marshall's Giant

- Marshall's Giant.** The largest and best Leek for exhibition. Highly recommended as the Pkt. Oz. ¼ lb.
choicest variety in cultivation, of a mild and delicious flavor.....\$0.10 \$0.80 \$2.50
- Large American Flag.** The most desirable for market or family use..... .10 .30 1.00
- Musselburgh, or Carentan.** A very large variety of superior quality..... .10 .30 1.00

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain.....	\$0.10	\$0.30	\$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.10	.30	1.00

KOHL-RABI

One ounce will sow 300 feet of row.

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

	Pkt.	½ oz.	Oz.	¼ lb.
Early White Vienna. Very early and should be used before being fully grown. Flesh white with greenish white skin.....	\$0.10	\$0.25	\$0.50	\$1.50
Early Purple Vienna. Similar to the preceding, except in color....	.10	.25	.50	1.50

LEEK

One ounce will sow 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

	Pkt.	Oz.	¼ lb.
Black-Seeded Simpson. Nearly double the size of Curled Simpson.....	\$0.10	\$0.30	\$1.00
Early Curled Simpson. One of the earliest and best for market.....	.10	.30	1.00
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....	.10	.30	1.00

CABBAGE, or HEADING VARIETIES

All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat.....	.10	.35	1.00
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.10	.30	1.00

Boston Market (White Seed Pkt. Oz. ¼ lb. Tennisball). Solid, crisp and compact. One of the best for forcing.....	\$0.10	\$0.40	\$1.50
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Big Boston. Fine for forcing in coldframes or for open ground.....	.10	.40	1.50
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Deacon. A splendid variety for standing the Summer heat; large, solid head....	.10	.35	1.10
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Giant Crystal Head, or Iceberg. Large, solid; outside leaves bright green, inside white.....	.10	.35	1.10
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Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.10	.50	1.50
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Hanson Improved. Heads large, hearts quickly, and stands the Summer well....	.10	.35	1.00
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Marshall's Royal Summer. A large butter head, with thick leaves, dark green tinged and spotted brown. The inside of head is a rich yellow.....	.10	.60	2.00
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Lettuce, Marshall's Royal Summer

**LETTUCE**—Continued. Pkt. Oz. $\frac{1}{4}$ lb.

Marshall's Matchless. A cross between a head variety and the Cos type; it has numerous loose leaves which form into a long, loose head. Very sweet and tender, a fine variety for Summer use and early frames.....	\$0.10	.60	2.00
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	.10	.35	1.00
Mignonette. Distinct russet colored; very solid and compact.....	.10	.35	1.00
New York, or Wonderful. Large solid heads; inside very white.....	.10	.50	1.50
Tennis Ball (Black-Seeded) or Salamander. A very distinct compact head with few outer leaves.....	.10	.35	1.00



Lettuce, Marshall's Matchless

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.....	\$0.10	\$0.35	\$1.00
White Summer Cabbage. A fine Summer variety; heads of good size.....	.10	.35	1.00

ROMAINE, or COS VARIETIES

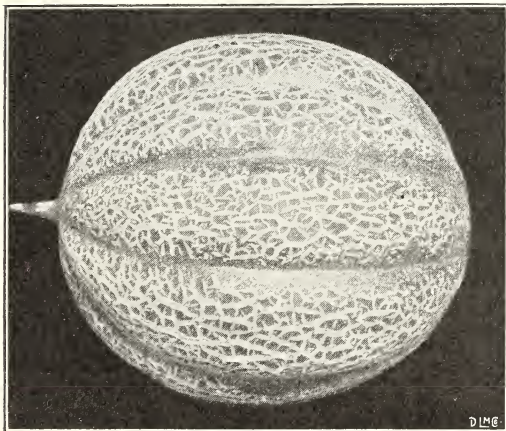
These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos Lettuce.....	\$0.10	\$0.60	\$2.00
Paris White, or Trianon Cos, Romaine. One of the finest varieties for Summer use.....	.10	.35	1.00

MELON, MUSK *One ounce will plant 60 hills.*

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	\$0.10	\$0.30	\$1.00
Field's Daisy. Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.40	1.25
Fordhook. The flesh is very thick, of a deep salmon color.....	.10	.30	1.00
Hackensack. Large, round and good quality.....	.10	.30	1.00
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large, round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.40	1.25
Jenny Lind. Small, green fleshed; very early; good quality.....	.10	.30	1.00
Long Island Beauty. The earliest and finest in quality; green flesh.....	.10	.30	1.00
Marshall's Surprise. A very delicious, large salmon fleshed Melon. Shape oblong and rounded at the ends.....	.10	.40	1.25
Marshall's Matchless. A large luscious Melon. Flesh orange scarlet color, very thick.....	.25	2.00	.....



Muskmelon, Osage

Montreal Market. Large, round netted; flesh thick and light green; late.....	.10	.30	1.00
Osage, or Miller's Cream. A large oval, orange-salmon flesh Melon of superior quality....	.10	.30	1.00
Paul Rose. Oval; rich orange flesh; very sweet.....	.10	.30	1.00
Rocky Ford. Very sweet and fine flavored; oblong; light green flesh.....	.10	.30	1.00
Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor.....	.10	.30	1.00

ENGLISH FORCING MELONS

	Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.50
Diamond Jubilee. Greenish white flesh.....	.50
King George. Scarlet flesh.....	.50
Royal Sovereign. Golden skin, white flesh.....	.50
Sutton's A1. Scarlet flesh.....	.50
Superlative. Scarlet flesh.....	.50

MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome, for preserving; red seed.	\$0.10	\$0.20	\$0.50
Cole's Early. Medium size; red flesh; green skin.	.10	.20	.50
Cuban Queen. Solid and heavy; skin marked regularly.	.10	.20	.50
Fordhook, Early. Flesh bright red; very sweet.	.10	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.	.10	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.	.10	.20	.50
Mountain Sweet. Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.	.10	.20	.50
Tom Watson. Dark green rind with deep red flesh, very large, oblong shape.	.10	.20	.50

MUSHROOM SPAWN

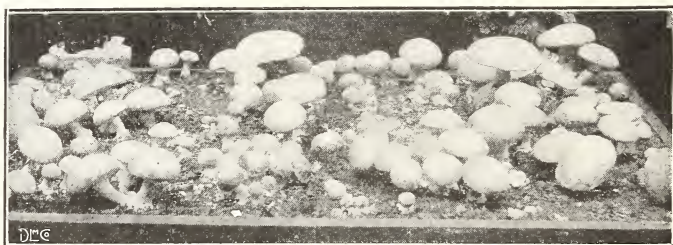
Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds.

About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring.

Pure Culture Prolific Direct Bricks. An American-made spawn which produces large crops of large size, deep cream, and excellent quality Mushrooms. Per brick 40c., 10 bricks for \$3.50, 50 bricks \$15.00.

Bottle Spawn. This spawn is very perishable and can only be kept in cold storage. Orders filled from the factory. Per quart bottle \$1.25, 12 quarts for \$12.00.



Pure Culture Mushrooms

MUSTARD

One ounce will sow 100 feet of drill

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.	\$0.10	\$0.20	\$0.40	\$1.25
Giant Southern. Curled. Very large leaves.	.10	.20	.40	1.25
Fordhook Fancy. A mild variety, used for salads or cooked as Spinach. Leaves dark green.	.10	.25	.75	2.00

OKRA, OR GUMBO

One ounce will plant 100 hills

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.	\$0.10	\$0.25	\$0.50	\$1.25
Perkin's Long Green. Long ribbed pods; very productive.	.10	.25	.50	1.25
White Velvet. Tender white pods; smooth and velvety in appearance.	.10	.25	.50	1.25

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets.	\$0.50	\$2.25	\$4.25	White Multipliers.	\$0.50	\$2.00	\$3.50
White Onion Sets.	.50	2.25	4.25	Shallots.	.75	3.50	6.00
Yellow Onion Sets.	.50	2.25	4.25	Garlic.	.60		
Japanese Yellow Onion Sets. Excellent for yield and quality.					.50	2.50	4.75

Prices of Onion Sets are subject to market changes.



ONION

*One ounce will sow 200 feet of drill,
4 to 5 pounds to the acre.*

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

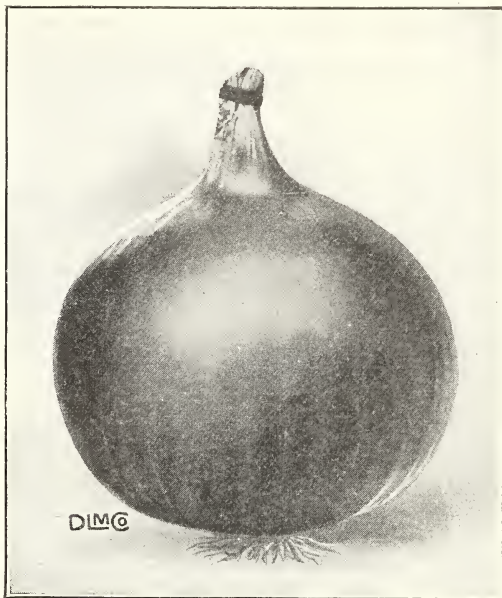
Large Red Wethersfield. Pkt. $\frac{1}{2}$ oz. Oz. $\frac{1}{4}$ lb.				
Half early and a good keeper; large size.....	\$0.10	\$0.30	\$0.60	\$2.00
Large Red Globe (Southport Strain). The finest large red sort.....	.10	.40	.70	2.25

WHITE VARIETIES

Early White Barletta , or White Queen. A small white Italian sort; very early.....	.10	.20	.40	1.25
Large White Portugal. The large, flat sort of the New York markets.....	.10	.25	.50	1.50
Marshall's Large White Globe (Southport Strain). Very large and handsome....	.10	.50	1.00	3.00
Mammoth White Garganus or Silver King. Large, silvery white.....	.10	.25	.50	1.50
White Bermuda. A very early, flat variety.....	.10	.25	.50	1.50
White Tripoli. Large, white, Italian variety.....	.10	.30	.60	2.00

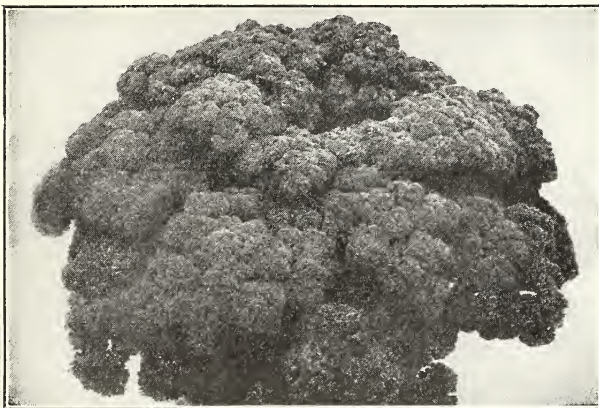
YELLOW VARIETIES

Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	\$0.25	\$0.75	\$1.50	\$4.50
Cranston's Excelsior. Inclined to globular in shape and of a beautiful straw color.....	.25	.75	1.50	4.50
Danvers Yellow. A round, flat, standard sort; early and a good keeper.....	.10	.40	.70	2.25
Marshall's Giant Gibraltar. Fine exhibition variety.....	.25	.50	1.00	3.50
Marshall's Invincible Giant. An improved type of Ailsa Craig. Pale yellow color. Fine for exhibition purposes.....	.25	1.00	2.00	.....
Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well..	.10	.40	.70	2.50
Yellow Prizetaker. Immense size; globe-shaped, pale yellow.....	.10	.40	.70	2.50



Onion, Large Red Globe

Pkt. $\frac{1}{2}$ oz. Oz. $\frac{1}{4}$ lb.



Marshall's Dwarf Perfection Parsley

PARSLEY

One ounce will sow 200 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. A dwarf and compact Parsley of bright green color, Pkt. exquisitely curled....	Pkt. \$0.10	Oz. \$0.35	$\frac{1}{4}$ lb. \$1.00
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Marshall's Crested Gem. Fine closely cut foliage with dwarf compact habit.....	.10	.50	1.50
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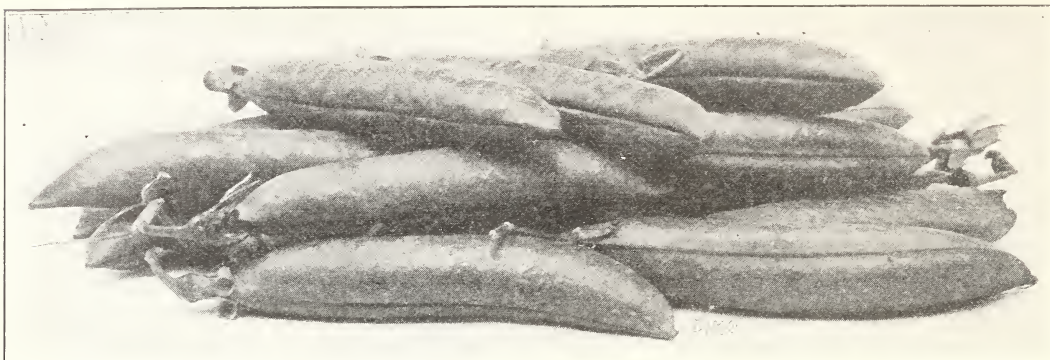
Extra Double, or Moss Curled. A beautiful curled dwarf variety.....	.10	.25	.60
Turnip Rooted. Grown for its roots which are used in flavoring soups.....	.10	.25	.60
Plain. A plain-leaved variety; fine for flavoring.....	.10	.25	.60

PARSNIP

*One ounce will sow
200 feet of drill*

Sow Parsnip seed as early in the Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

Marshall's Marrow. A grand selection, clean white, long roots; fine for exhibition Pkt. and family use. The finest stock in this country.....	Pkt. \$0.10	Oz. \$0.30	$\frac{1}{4}$ lb. \$1.00	Lb. \$3.00
American Hollow Crown. Long, smooth and milky white.....	.10	.25	.75	2.00



Peas, Little Marvel

PEAS

One quart will plant about 150 feet of drill

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

EXTRA EARLY PEAS

	Height in feet	$\frac{1}{2}$ Pint	Pint	Quart	4 Qts
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.40	\$0.80	\$2.75
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored Peas.....	1½	.25	.40	.80	3.00
Extra Early Market, Marshall's. A standard extra early Pea; productive and profitable to grow.....	2½	.25	.40	.80	2.75
Early Bird. A very early, round seeded, fine flavored variety. Pods 4 inches long and well filled. Very scarce. Crop failed.....	4	.40	.80	1.50	....
First of All. Selected strain of extra earlies.....	2½	.25	.40	.80	3.00
Gradus, or Prosperity. The finest extra early Pea. The pods are very large and well filled, with large wrinkled green Peas.....	3	.25	.45	.90	3.25
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor.....	1½	.25	.40	.80	3.00
Laxton's Progress. An English wrinkled variety. A great bearer.....	2	.30	.50	1.00	3.50
Little Marvel. Very early, wrinkled peas, long pods.....	2	.25	.40	.80	3.00
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.25	.40	.80	3.00
Marchioness. A grand wrinkled Pea for early planting.....	3½	.25	.40	.80	3.00
Peter Pan. A fine large podded dwarf Pea.....	1¼	.25	.40	.80	3.00
Sutton's Excelsior. An extra early dwarf wrinkled Pea; pods filled with large Peas of the finest flavor.....	1	.25	.40	.80	2.75
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.45	.90	3.25

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas.....	2	.20	.35	.70	2.50
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.20	.35	.70	2.50
British Lion. A wonderfully productive English early variety.....	3	.25	.50	1.00	3.50
Champion of England. Well known standard variety. Sow thickly.....	4	.20	.35	.70	2.50
Dwarf Champion, or Juno. Dwarf form of Champion of England.....	2	.20	.35	.70	2.50
Duke of Albany (American Champion). Immense pods.....	4	.25	.45	.90	3.25
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.20	.35	.70	2.50
Market Garden. On the style of Advancer; very prolific.....	2½	.20	.35	.70	2.50
Perfect. An English mid-season variety, with handsome long pods produced in pairs, very heavy bearer.....	2½	.25	.50	1.00	3.50
The Admiral. A valuable second early variety; medium size deep green Peas.....	4	.25	.40	.80	3.00

MAIN CROP PEAS

Alderman, or Prince Edward. One of the finest of the large podded main crop varieties. Pods measure nearly 6 inches, well filled.....	4	.25	.40	.80	3.00
Quite Content. A giant podded variety; very prolific.....	5	.25	.45	.90	3.25
Telegraph. Large podded variety.....	4	.20	.35	.70	2.50
Telephone. A tall growing late sort, having pods of very large size, containing six or seven Peas of delicious flavor.....	4	.25	.40	.80	3.00
White Marrowfat. A favorite; heavy yielder.....	4	.25	.40	.70	2.50

"Mulford Cultures." Peas yield earlier, longer and better crops when treated with **Mulford Cultures.** Garden size, 35c.; bushel size 60c.



PEAS—Continued

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string beans when the Peas start to develop in the pod or have reached about half their full size.

	½ pt.	Pt.	Qt.	4 qts.
Gray-Seeded Sugar. Large edible pods.				
Height 3 feet.....	\$0.20	\$0.35	\$0.70	\$2.50
Tall, Melting Sugar. One of the best edible pod sorts. Height 5 feet.....	.20	.40	.80	2.75

PEPPER

One ounce will produce 2000 plants

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Plants may also be forwarded in small pots.

	Pkt.	½ oz.	Oz.	¼ lb.
Cayenne, Long Red. Bright red, slender pods; 3 inches long.....	\$0.10	\$0.40	\$0.75	\$2.00
Chinese Giant. Very large, bright scarlet.	.10	.40	.75	2.50
Large Bell or Bull Nose. Large, bright red, largely used for pickling, mild flavor...	.10	.40	.75	2.00
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.40	.75	2.50
Marshall's Earliest. Fruits mild and sweet, similar to Bull Nose. Plant dwarf, compact and very productive. The earliest variety grown.....	.10	.50	1.00	3.50
Marshall's Early Giant. A very large red variety.....	.25	1.00	2.00	6.00
Red Chili. Very productive; very small; red and very pungent.....	.10	.40	.75	2.00
Ruby King. Bright red, 4 to 6 inches long; best for stuffing.....	.10	.40	.75	2.00
Sweet Mountain. Large size, regular handsome shape, mild flavor.....	.10	.40	.75	2.00



Pepper, Ruby King

POTATOES

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 foot row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil about 4 inches deep.



Green Mountain Potatoes

Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.

Bovee. Extra early; fine quality; flesh white.

Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blightproof properties.

Early Rose ("Spaulding's"). Very early; fine quality; very productive, skin shaded rose color.

Gold Coin. Very productive, fine table quality; flesh pure white and cooks very dry.

Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use.

Irish Cobbler. One of the best extra early varieties.

At the time of going to press with this catalogue the Potato market is so unsettled that prices are subject to change.

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment. Potatoes are forwarded by express or freight as directed, purchaser paying charges.

Du Pont Semesan. Potatoes treated with *Semesan* will be freer from disease and yield much larger crops. See page 109.

PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.10	\$0.20	\$0.60	\$1.50
Cushaw Striped. A splendid striped crook-neck variety.....	.10	.25	.75	2.50
Early Sugar. Fine grained; small; yellow.....	.10	.25	.75	2.50
Large Cheese. Flat; the best variety for small family use.....	.10	.25	.75	2.50
Mammoth King. Grows to an enormous size.....	.10	.25	.75	2.50
Mammoth Tours. A very large French variety.....	.10	.25	.75	2.50
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.10	.25	.75	2.50

RADISH

One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

	Pkt.	Oz.	¼ lb.	Lb.
Early Scarlet Turnip Forcing. Crisp; very early.....	\$0.10	\$0.25	\$0.75	\$2.00
Deep Scarlet Turnip Forcing or Non Plus Ultra. Round, short leaved, crisp; very early.....	.10	.25	.75	2.00

Scarlet Turnip White-Tipped Forcing. Round, very early.....	\$0.10	\$0.25	\$0.75	\$2.00
Early Scarlet Globe. Fine for forcing or open ground.....	.10	.25	.75	2.00

OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.25	.75	2.00
Turnip, Early Scarlet. Very early. The French favorite.....	.10	.20	.50	1.50
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.10	.20	.50	1.50
Turnip, Early White, or Box. Flesh pure white and sweet.....	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.25	.60	2.00
Turnip, Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or or white; fine forcer.....	.10	.25	.75	2.50
Turnip, Large White Summer. Of large size; roundish shape.....	.10	.20	.50	1.50
Olive-Shaped French Breakfast. Pink and white; early.....	.10	.20	.50	1.50
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.20	.60	1.75
Olive-Shaped White. Mild and fine for Summer.....	.10	.20	.60	1.75
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.20	.60	1.75
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.20	.60	1.75
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.20	.60	1.75

WINTER VARIETIES

Long Black Spanish. The popular Winter sort.....	.10	.20	.60	1.75
Round Black Spanish. Fine for Winter.....	.10	.20	.60	1.75
California White Mammoth. A very large Winter variety.....	.10	.20	.60	1.75
Sakurajima (Mam-				

RHUBARB

One ounce will produce 1000 plants.

Sow in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way.

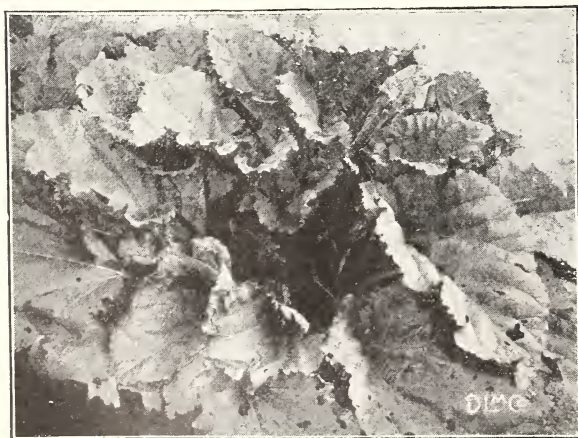
Victoria. Very large; later than the Linnaeus. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.

Rhubarb Roots. Extra strong. Each 25c., doz. \$2.50, 100 \$20.00.

Rhubarb Roots. For forcing. Each 35c., doz. \$3.50, 100 \$25.00.



Radish, Scarlet White-Tipped



Rhubarb, Victoria

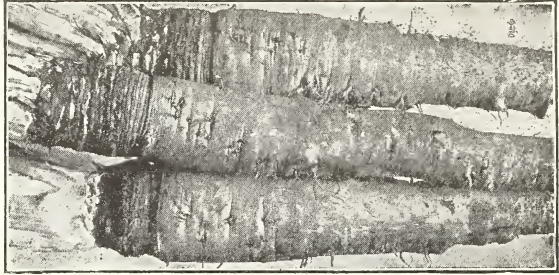
SALSIFY, OR OYSTER PLANT

One ounce will sow 150 feet

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

Pkt. Oz. $\frac{1}{4}$ lb.

Mammoth Sandwich Island. True. Large and superior; very fine flavor \$0.10 \$0.40 \$1.25
Long Black, or Scorzonera.
 Resembles long white, but black..... .10 .50 1.50



Salsify, Mammoth Sandwich Island



Spinach, New Zealand

Victoria. A variety with Pkt. Oz. $\frac{1}{4}$ lb. Lb.
 thick dark-green leaves.
 Best long standing
 Spinach.....\$0.10 \$0.15 \$0.30 \$0.75
Viroflay Thick-Leaved. A
 standard sort, equally
 good for early Spring
 or Fall sowing..... .10 .15 .30 .75
Prickly, or Winter. Vigor-
 ous and hardy, recom-
 mended for Fall sowing .10 .15 .30 .75

SORREL

One ounce will sow 150 feet of drill.

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWISS CHARD

This beet produces leaves only; excellent as greens. Cultivate same as Spinach, sowing the seed in early Spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50
Giant Lucullus. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

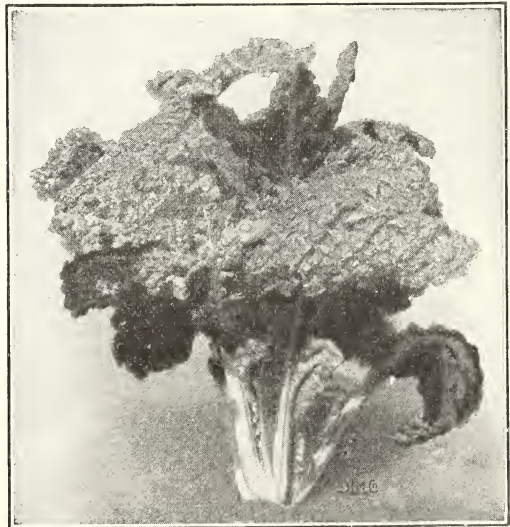
SPINACH

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

New Zealand. Makes a low spreading plant from which delicious tender greens can be gathered the entire Summer.....\$0.10 \$0.25 \$0.75 \$2.00
Perpetual Summer, or Spinach Beet. Dark green leaves, which are produced all the Summer making a delicious Spinach when cooked. .10 .30 1.00 3.00
King of Denmark. A new variety for Spring planting. Dark green crumpled leaves and very slow to go to seed.... .10 .15 .35 1.00
Long Standing. Of delicious, tender quality; dark green..... .10 .15 .30 1.00
Savoy-Leaved, or Bloomsdale. Large, tender curled leaves..... .10 .15 .30 1.00



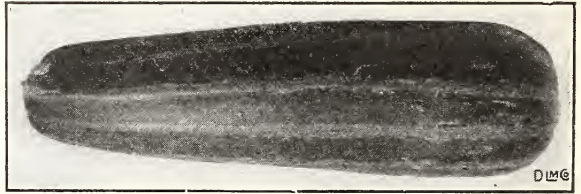
Swiss Chard



SQUASH

One ounce Early Squash will plant about 50 hills.
One ounce Marrow Squash will plant about 25 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.



Squash, Cocozelle Bush

BUSH VARIETIES

Cocozelle Bush.	A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.	Pkt.	Oz.	¼ lb.
Improved Early White Bush Scallop.	A good early shipping variety.	\$0.10	\$0.30	\$1.00
Giant Summer Crookneck.	Double the size of Summer Crookneck.	.10	.25	.75
Golden Custard.	Fine quality and cooks tender.	.10	.30	.75
Golden Summer Crookneck.	Yellow fruit; distinct; best for Summer.	.10	.30	1.00
Yellow Bush Scallop.	The popular yellow variety.	.10	.30	1.00

RUNNING VARIETIES

Boston Marrow.	Oval; bright orange; flesh yellow and fine.	.10	.25	.75
Delicious.	Green skin; orange flesh; fine grained; sweet and dry.	.10	.30	1.00
Fordhook.	A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow.	.10	.30	1.00
Golden, or Red Hubbard.	Flesh deep golden yellow; fine for private use.	.10	.30	1.00
Improved Hubbard.	Well known and liked for late use.	.10	.30	1.00
Mammoth Warty Hubbard.	Very large, covered with warts. Fine keeper.	.10	.30	1.00
Mammoth Chili.	Rich orange flesh; grows to an enormous size.	.10	.30	1.00
Vegetable Marrow.	A favorite English sort; skin greenish yellow; flesh white.	.10	.30	1.00



Squash, Mammoth Warty Hubbard

ENGLISH VEGETABLE MARROWS

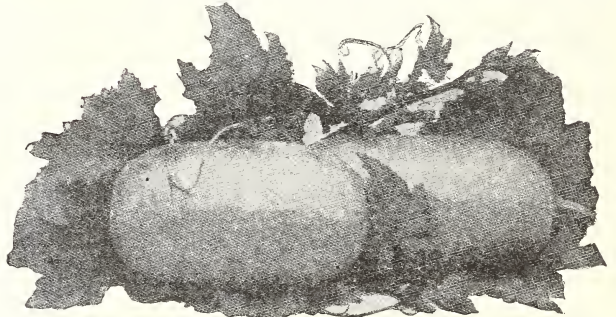
The following varieties are well adapted for growing in this climate.

	Pkt.	Oz.
Long Green Bush.	Fruits long pale green; rich flavor.	\$0.10 \$0.40
Long White Bush.	Creamy white; very prolific.	.10 .40
Moore's Long Cream.	Very long, pale cream color; trailing sort.	.10 .40

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c., ¼ lb. \$1.50.



Vegetable Marrow, Long White Bush

TOMATO

One ounce will produce 1,000 plants.

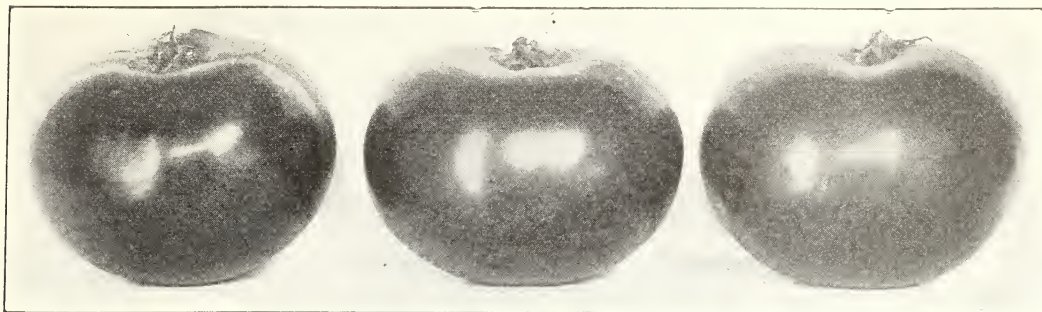
Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

FORCING VARIETIES

Marshall's Prolific.	The finest medium-sized Tomato for forcing or outdoor planting. It is an enormous cropper, producing large clusters of bright scarlet fruit.	Pkt.	½ oz.	Oz.
Comet.	Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red.	.25	1.00	2.00
Best of All.	An excellent sort for forcing or early outdoor crop.	.25	1.00	2.00
Stirling Castle.	Excellent for forcing as well as outdoor culture. Fruit medium size.	.25	1.50	3.00
Sunrise.	A fine forcing variety; rich scarlet color.	.25	1.50	3.00
Winter Beauty.	Fine forcer, fruits of good size, smooth and deep color.	.25	1.50	3.00

OUTDOOR VARIETIES

Bonny Best.	A very early bright red variety. Smooth, solid and uniform.	.10	.25	.50
Chalk's Jewel.	An exceptionally fine early variety. Color crimson.	.10	.25	.50

**TOMATO—OUTDOOR VARIETIES—Continued**

	Pkt.	½ oz.	Oz.
Crimson Cushion. Extra large, handsome, bright crimson	\$0.10	\$0.30	\$0.60
Dwarf Champion. The plant is of dwarf and compact growth	.10	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit	.10	.25	.50
Earliana. Extra early; bright red; smooth	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid	.10	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits	.10	.40	.75
Marshall's National. A very early, bright red, coreless variety	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet	.10	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty	.10	.25	.50
Stone. Very large, perfectly smooth; fine, bright scarlet	.10	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome	.10	.30	.60
Red Currant. Very small fruits; for preserves	.10	.30	.60
Red Peach. Resembling a Peach; for preserves, pickles and exhibition	.10	.30	.60
Red Pear. Fruit handsome and solid; fine for preserves	.10	.30	.60
Red Plum. Bright red, round, regular; for pickles	.10	.30	.60
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce	.10	.30	.60
Yellow Cherry. For pickles and preserves	.10	.30	.60
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach	.10	.30	.60
Yellow Pear. Handsome, yellow, Pear-shaped fruits	.10	.30	.60
Yellow Plum. Round and regular; bright yellow	.10	.30	.60

TURNIP

One ounce will sow 200
feet of drill.

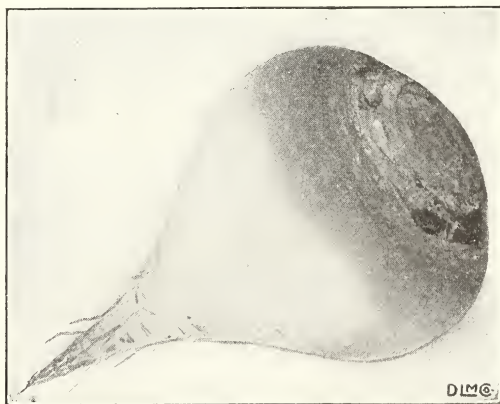
Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

	Pkt.	Oz.	¼ lb.	Lb.
Early Milan, Purple Top. Earliest of all, white with purple top	\$0.10	\$0.30	\$1.00	\$2.50
Early Milan, Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender	.10	.30	1.00	2.50
Early Snowball. Small, and rapid growth; pure white	.10	.20	.50	1.50
Golden Ball. Very handsome; keeps fairly well	.10	.20	.50	1.50
Quicksilver. A perfect shaped, round, white skinned, solid white flesh variety. Very quick growing and fine for exhibition	.10	.35	1.00	3.00
Red Top, Strap Leaf. The popular Fall flat sort	.10	.20	.50	1.50
Red Top, Globe-shaped. A standard sort in the New York market	.10	.20	.50	1.50
Seven Top. Grown exclusively for the tops, which are used for greens	.10	.20	.50	1.50
White Egg. Oval, handsome and sweet	.10	.20	.50	1.50
White Strap Leaf Flat. Pkt. Oz. ¼ lb. Lb. A good early white flat sort	\$0.10	\$0.20	\$0.50	\$1.50
Yellow Aberdeen. A hardy and productive variety of excellent quality	.10	.20	.50	1.50

RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

Marshall's Matchless. A purplish bronze variety, with single tap root and small top. Excellent quality	Pkt.	Oz.	¼ lb.	Lb.
	\$0.10	\$0.25	\$0.75	\$2.50
American Purple Top. A strain of Purple top yellow	.10	.20	.50	1.50
Champion Purple Top. Very large	.10	.20	.50	1.50
White-Fleshed. Large and productive	.10	.25	.75	2.00



Ruta-Baga, Matchless



HERBS—SWEET AND MEDICINAL

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

	Pkt.	Oz.		Pkt.	Oz.
Anise. Annual. Used for flavoring and garnishing.....	\$0.10	\$0.30	Horehound. Perennial. Used medicinally, also for seasoning.....	\$0.10	\$0.50
Balm. Perennial. Leaves have a fragrant odor and are used medicinally.....	.10	.40	Hyssop. Perennial. Used medicinally. The leaves have a pungent taste....	.10	.50
Basil, Sweet. Annual. Used for flavoring soups, stews, etc.....	.10	.40	Lavender. Perennial. Yields an oil used in medicine and perfumery.....	.10	.50
Borage. Annual. Leaves are used for flavoring, and bees are attracted by the flowers.....	.10	.40	Marigold, Pot. For medicinal purposes.....	.10	.40
Caraway. Perennial. Used for flavoring confectionery, bread, etc.....	.10	.30	Marjoram, Sweet. Annual. Aromatic and fragrant. Much used in flavoring.....	.10	.50
Catnip. Perennial. Sometimes used in medicine.....	.10	.75	Mint. Plants only.....		
Coriander. Annual. Used in the manufacture of confectionery.....	.10	.40	Rosemary. Perennial. Leaves fragrant, with warm, pungent, bitterish taste..	.10	.60
Dill. Biennial. The seeds are aromatic and pungent. Used in pickling Cucumbers.....	.10	.30	Sage. Perennial. More used than any other herb for dressings and seasoning.....	.10	.50
Fennel, Sweet. Perennial. Leaves when boiled are used in sauces.....	.10	.30	Summer Savory. Annual. Used for flavoring soups and dressings.....	.10	.50
Fennel, Florence. The roots are boiled, also used as salad.....	.10	.30	Tarragon, or Estragon......	.10	1.00
			Thyme. Perennial. Used for seasoning. Also used medicinally.....	.10	1.00
			Wormwood. Perennial. Used medicinally and is beneficial for poultry.....	.10	.50

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.		Each	Doz.
Balm	\$0.25	\$2.50	Mint (Peppermint)	\$0.25	\$2.50
Chives.....	.25	2.50	Rosemary.....	.25	2.50
Horehound.....	.25	2.50	Sage, Common.....	.25	2.50
Hyssop.....	.25	2.50	Savory, Winter.....	.25	2.50
Lavender, True.....	.25	2.50	Thyme, French.....	.25	2.50
Marjoram, Pot......	.25	2.50	Tarragon, or Estragon.....	.35	3.50

VEGETABLE PLANTS AND ROOTS

Prices of Vegetable Plants are subject to change at time shipments are made.

Artichoke Plants, Globe, Selected Large Green. Ready April 1st. Doz. \$2.50, 100 \$20.00.	Horse Radish Sets, New Bohemian. A new variety which produces roots of enormous size and succeeds in every soil. Doz. 20c., 100 \$1.00.
Asparagus Roots. See page 5.	Kohl-Rabi (White Vienna). Doz. 30c., 100 \$3.00.
Cabbage Plants. For April and May delivery. Doz. 30c., 100 \$1.75. Delivery June, July and August. 100 \$1.50, 1000 \$7.00.	Lettuce. Ready in April and May. Boston Market, Paris Cos. Doz. 30c., 100 \$2.00.
Cauliflower Plants. Snowball. Ready April, May and June. Doz. 60c., 100 \$3.00.	Parsley (Double Curled). Doz. 30c., 100 \$2.00.
Celery. Golden Self-Blanching, White Plume, Winter Queen, or Giant Pascal. Extra strong, transplanted plants. Delivery July and August. 100 \$1.50, 1000 \$10.00.	Peppers. Ready in May and June. (Bell or Bull Nose). Long Red Cayenne. Doz. 50c.
Chicory Roots. Strong for forcing. Doz. \$1.00, 100 \$7.00.	Rhubarb Roots, Victoria. Strong roots. Each 25c., doz. \$2.50, 100 \$20.00.
Egg Plants. Ready in May and June. Grown in pots. Doz. \$1.00, 100 \$7.00.	Sweet Potato Plants. Ready in June. 100 \$1.00, 1000 \$7.00.
	Tomato Plants. Ready in May and June. Dwarf Champion, Perfection, Ponderosa, Stone, etc. Doz. 40c., 100 \$3.00. Small Fruit Varieties. Doz. 75c. Pot-grown plants. Doz. 60c.

Vegetable Plants will be shipped by express in due time for planting at purchaser's risk only.

We carry a supply at our store in their respective planting seasons.

BIRD SEEDS, ETC.

	Per lb.		Per lb.
CANARY. Best Sicily re-cleaned.....	\$0.15	MILLET, AMERICAN	4 lbs. 50c. \$0.15
CANARY SEED, Mixed.....	.15	RAPE	2 lbs. 25c. .15
FISH FOOD	Pkg. 10c.	SUNFLOWER SEED. For parrots, 2 lbs. 25c. .15	
GRAVEL FOR CAGES	Qt. 12c.	CUTTLEFISH BONE.....	.60
HEMP.....	.5 lbs. 50c. .12	THISTLE SEED.....	.40
LETTUCE SEED	Oz. 5c. .30		

Prices of Bird Seed are subject to change of Market Values throughout the year.

MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture contains highest grade recleaned seeds of Red Top, Kentucky Blue, Chewing's Fescue and Perennial Rye Grasses, blended in suitable quantities.

Price: Lb. 70c., 5 lbs. \$3.25, 20 lbs. \$12.00, 100 lbs. \$60.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and free as it is possible to make it from foreign matter.

1 lb. will sow 25x25 feet (625 square feet); 5 lbs., 50x50 feet (2500 square feet); 20 lbs. 100x100 feet (10,000 square feet); 100 lbs., one acre.

Price: Lb. 50c., 5 lbs. \$2.10, 20 lbs. \$8.00, 100 lbs. \$40.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Lb. 70c., 5 lbs. \$3.25, bu. 20 lbs., \$12.00, 100 lbs. \$60.00.

SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Lb. 60c., 5 lbs. \$2.75, 20 lbs. \$10.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Lb. 70c., 5 lbs. \$3.25, bu. 20 lbs. \$12.00.

PERMANENT GRASS MIXTURES FOR GOLF LINKS

MARSHALL'S PUTTING GREEN, or TENNIS COURT MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine-bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Price: 5 lbs. \$4.00, 25 lbs. \$17.50, 100 lbs. \$70.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf, spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs. per acre.

Price: 20 lbs. \$10.00, 100 lbs. \$48.00.

GRASS FOR HAY CROPS AND PASTURES

MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 lbs. of Mixed Clover Seed per acre.

We recommend sowing 50 lbs. to the acre.

PERMANENT PASTURE MIXTURE NO. 1. For cool and light soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 2. For medium soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 3. For heavy soils. Bus. (15 lbs.)

Prices of any of the above Mixtures, 10 lbs. \$5.00, 50 lbs. \$23.00, 100 lbs. \$45.00.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per lb.	Per bushel	Per 100 lbs.
Alfalfa, or Lucerne (<i>Medicago sativa</i>). Northwestern Pine Tree. One of the most valuable forage plants.....	20 lbs.	\$0.50	\$24.00	\$40.00
Alfalfa, Grimm. Certified. Much harder than any other variety.....	20 lbs.	.80	42.00	70.00
Alsike (<i>Trifolium hybridum</i>). The hardest of all Clovers, can be cut several times in one season. Grows well on low, wet land.....	10 lbs.	.60	30.00	50.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). Pine Tree. An annual variety producing large crops of green foliage.....	20 lbs.	.50	24.00	40.00
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover. 10 lbs.	10 lbs.	.70	36.00	60.00
Medium Red (<i>Trifolium pratense</i>). Domestic Pine Tree. This is the common Red Clover so largely grown throughout the country.....	15 lbs.	.70	36.00	60.00
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Pine Tree. Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.....	15 lbs.	.35	15.00	25.00
White Clover (<i>Trifolium repens</i>). The best variety for lawns; valuable in permanent pastures.....	10 lbs.	.80	42.00	70.00
Mixed Clover.....	10 lbs.	.75	39.00	65.00

All Clovers weigh 60 pounds per bushel.

For Clovers, bushel size \$1.00, 2½ bushels \$2.25, 10 bushels \$8.00. State which variety of Clover wanted for.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

	Weight per bush.	Lb.	Bushel	100 lbs.
Bermuda Grass. Used in the southern states for Lawns.....	35 lbs.	\$0.80	\$22.00	\$60.00
Canadian Blue Grass (<i>Poa compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.....	14 lbs.	.45	5.00	35.00
Creeping Bent Grass Mixed (<i>Agrostis</i> species). Desirable for mixing with other lawn or pasture grasses.....	15 lbs.	1.50	18.00	120.00
Crested Dogtail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color.....	20 lbs.	1.00	17.00	80.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre.	24 lbs.	.35	6.00	24.00
English Rye Grass (Pacey's). A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.....	24 lbs.	.40	7.00	28.00
Fine Leaved Fescue (<i>Festuca ovina tenuifolia</i>). Suitable for lawns and putting greens.....	16 lbs.	.80	11.50	70.00
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils.....	14 lbs.	.50	6.00	42.00
Italian Rye Grass (<i>Lolium italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.....	22 lbs.	.30	4.50	20.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.....	14 lbs.	.50	6.00	40.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.....	15 lbs.	.45	6.00	35.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.....	10 lbs.	.60	5.50	50.00
New Zealand, or Chewing's Fescue (<i>Festuca rubra</i>). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.	14 lbs.	.60	7.00	50.00
Orchard Grass. A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.....	14 lbs.	.50	6.00	40.00
Red, or Creeping Fescue (<i>Festuca rubra</i>). Resists extreme drought, thrives on gravelly banks and exposed hills. Excellent for Lawns and Putting Greens. 25 lbs. per acre.....	14 lbs.	.60	7.00	50.00
Red Top, Fancy Cleaned (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre.....	30 lbs.	.45	11.00	35.00
Rhode Island Bent (<i>Agrostis tenuis</i>). Fine for putting greens and lawns.....	14 lbs.	1.75	20.00	140.00
Rough Stalked Meadow Grass (<i>Poa trivialis</i>). A spreading, stoloniferous rooted grass. Adapted for shady lawns and pasture mixtures.....	14 lbs.	.75	9.25	65.00
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.....	14 lbs.	.60	7.00	46.00
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.....	10 lbs.	.40	3.25	30.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.....	45 lbs.	.20	5.00	11.00
Wood Meadow Grass (<i>Poa nemoralis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.	14 lbs.	1.00	12.00	85.00



FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre.

Peck Bush.

Beardless Spring. This variety is free from beards.....\$1.25 \$4.00

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre.

Soja Bean, E. Black Wilson. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast $\frac{1}{2}$ bushel to acre, or plant in drills 3 ft. apart and 1 ft. between plants..... 1.25 4.50

BROOM CORN

Lb. 100 lbs

Evergreen. Succeeds in a good, deep soil; it is very sensitive to cold. Sow 10 lbs. to acre.....\$0.30 \$20.00

BET, MANGEL-WURZEL

Sow 6 to 8 pounds to the acre.

Lb.

Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....\$0.75

Danish Sludstrup. A long, reddish yellow variety..... .85

Golden Tankard. An enormous yielder per acre. Flesh deep yellow..... .75

Mammoth Long Red. The largest and heaviest cropper of all the Mangels..... .75

BUCKWHEAT

48 pounds to the bushel. Sow 1 bushel to the acre.

Peck Bush.

Japanese. Earliest and most productive of the Buckwheats.....\$1.25 \$4.00

FIELD CORN

8 quarts will plant 1 acre in hills, 3 bushels will sow 1 acre broadcast

FLINT VARIETIES

Peck Bush.

Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....\$1.25 \$4.50

Golden Nugget. Very early, large ears, which average from 12 to 15 in. long..... 1.50 5.00

Longfellow. A very large-eared Flint variety, grown very extensively in this vicinity for its productiveness. Ears 8-rowed, often 14 to 15 in. long, with small cob and deep kernels..... 1.25 4.50

Luce's Favorite. A hybrid between the Yellow Flint and Golden Dent. Ears large and abundant foliage. Valuable for ensilage or as a shell corn..... 1.50 5.00

Sanford White Flint. Of spreading habit, long ears and very tall. Valuable for fodder..... 1.25 4.50

DENT VARIETIES

Improved Leaming. Large, handsome ears, deep-grained and of a deep orange color. An early maturing variety, distinctly Dent, and a great yielder..... 1.25 4.50

Lancaster County Sure Crop. A good variety for crib or silo. Long ears with deep yellow grains..... 1.50 5.00

Mastodon Improved. A very early large-eared sort. A deep grain and good color..... 1.50 5.00

FODDER AND ENSILAGE VARIETIES

Eureka. One of the finest and most productive field Corns grown. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn.....\$1.50 \$4.75

Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage..... 1.25 4.00

Sweet Fodder. Succulent and nutritious for feeding green..... 1.50 5.00

MILLET

Lb. Bus. 100 lbs.

Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Requires good soil. Sow 1 bushel to the acre, 48 lbs. to the bushel.....\$0.15 \$4.25 \$8.00

Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Will yield two to three tons of hay per acre. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel..... .15 4.00 7.50

Japanese. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 ft.; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel..... .20 4.50 12.00

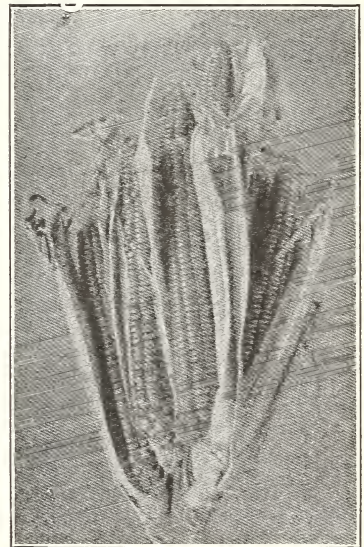
OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel.

Storm King. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Bus. \$2.75, 10 bus. or over \$2.50 per bus.

Canada Cluster. A very early variety with long straw and thick, plump heavy grains. A true side Oat and heavy cropper. Bus. \$2.50, 10 bus. or over, \$2.25 per bus.

Swedish Select. A strong grower, grain rather short, plump and heavy. Yields well on any soils and under varied conditions. They have a stiff straw and are a branching variety with a great root development. Bus. \$2.75, 10 bus. or over, \$2.50 per bus.



Longfellow Corn

Prices on all Farm Seeds are subject to market fluctuations.

PEAS

Canada Field. Valuable for cattle feeding. Also used for ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Pk. \$1.50, bus. \$5.50.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$7.00.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Bus. \$7.00.

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 25c., 100 lbs. \$15.00.

RYE

For grain, 1 bushel to the acre; for forage or soiling, 1½ bushels, 56 lbs. to the bushel.

Spring. This is excellent for a catch-crop, as it may be sown somewhat later than other grains and produces an abundance of green feed in the Summer season. Pk. \$1.25, Bus. \$4.00.

Giant Winter. This variety is fast gaining in popularity as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1. Pk. \$1.00, bus. \$3.50.

New Rosen. A four-row Winter variety introduced in Michigan. Pk. \$1.25, bus. \$4.00.

SORGHUM

Early Amber Sugar Cane. The earliest and most productive variety. Height, 10 to 12 ft. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre. Lb. 20c., 100 lbs. \$12.00.

SUDAN GRASS

A new forage crop of immense value. Sudan Grass is strictly an annual and dies each year like Millet and must be seeded again each Spring. Sudan Grass reaches a height of from 7 to 9 feet, yet the stems are small and tender. The plant stools wonderfully and produces under favorable conditions as many as 100 stalks from a single root. The seed should not be planted until the soil has become warm in the Spring, and preferably on warm, light soil. Sow in drills 2 to 3 lbs. per acre; broadcasted, 16 to 24 lbs. per acre. Cut just after bloom, so ample time may be had for second growth. Lb. 25c., 100 lbs. \$20.00.

SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry; 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.50, 100 lbs. \$16.00.

Prices on all Farm Seeds are subject to market fluctuations.

DU PONT SEMESAN

Accelerates Seed Germination. Stimulates Plant Growth. Controls Diseases. Increases Crop Yields.

Semesan, a complex organic mercurial, while primarily a disinfectant for the control of seed-borne diseases, possesses at the same time the remarkable properties of accelerating and increasing germination, producing more vigorous seedling growth and increasing crop yields from 5 to 40 per cent. It is suitable for the treatment of field, truck, forage and cereal crops, as well as flowers, grasses and ornamental plants. Applications of Semesan by either the dusting or liquid methods will in no way harm the seed germ.

Price 60c. per 2 oz. bottle; \$1.60 per 8 oz. can; 1 lb. can, \$2.75; \$13.00 per 5 lb. can; 25 lb. can, \$62.50.

Semesan Booklets on Request



Winter Vetch

VETCHES, OR TARES

Spring Vetches (*Vicia sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 20c., 100 lbs. \$12.00.

Winter Vetches (*Vicia villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 40c., 100 lbs. \$28.00.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow 1½ bushels to the acre.

Marquis Spring. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about 2½ bushels per acre. Bus. \$4.50.

Leap's Prolific. A very hardy, beardless white chaff and dark amber grain. Straw long and stiff and ripens early. Market price.

Pennsylvania 44. A bearded, large red variety originated at the Pennsylvania State College Experiment Station some years ago. Market price.

Trumbull. A medium size, red hard grain, beardless, great yielder, and stands up well. Market price.



Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A. designates Hardy Annuals—Lasting but one year.
H.H.A. " Half-Hardy Annuals—Lasting but one year.
H.B. " Hardy Biennials—Lasting but two years.
H.H.B. " Half-Hardy Biennials—Require protection during Winter.
H.P. " Hardy Perennials—Lasting three or more years.

H.H.P. designates Half-Hardy Perennials—Require protection during Winter.
H.C. " Hardy Climber—Lasting three or more years.
G.P. " Greenhouse Plant.
H.A.C. " Hardy Annual Climber.

	Pkt.
ABRONIA umbellata. H.A. Trailing annual, pink flower trusses. 9 in.	$\frac{1}{4}$ oz. 25c. \$0.10
ABUTILON. New Hybrids. G.P. Mixed, large bell-shaped flowers. ....	.25
ACACIA. G.P. Finest mixed, elegant Winter and Spring flowering plants. ....	.15
ACHILLEA ptarmica, "The Pearl." H.P. Double white flowers.	$\frac{1}{4}$ oz. \$1.00 .25
ACONITUM napellus. H.P. Large, dark blue flowers in August.	$\frac{1}{4}$ oz. \$1.00 .15
wilsoni. Light blue flowers in large trusses. ....	.25
ACROCLINIUM. H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 ft.	
album. Pure white; double flowers.	$\frac{1}{4}$ oz. 25c. .10
roseum. Bright rose; double flowers.	$\frac{1}{4}$ oz. 30c. .10
Finest Mixed Colors.	$\frac{1}{4}$ oz. 20c. .10
ADLUMIA, cirrhosa (Mountain Fringe). H.B. Pink flowers. 10 ft. ....	.25
ADONIS autumnalis. H.A. Flowers crimson with dark center. 1 ft.	$\frac{1}{4}$ oz. 25c. .15
vernalis. H.P. Large, yellow; flowers in early Spring. 1 $\frac{1}{2}$ ft.	$\frac{1}{4}$ oz. 75c. .15
AGATHAEA coelestis (Blue Marguerite). H.H.P. Pretty blue Daisy-like flowers. An excellent pot plant. 1 $\frac{1}{2}$ ft. ....	.25
AGERATUM. H.A. Blooms throughout the Summer; feathery flowers in clusters.	
mexicanum. Fine for bedding or pot culture. Blue. 1 $\frac{1}{2}$ ft.	$\frac{1}{4}$ oz. 30c. .10
mexicanum album. A beautiful white variety. 1 $\frac{1}{2}$ ft.	$\frac{1}{4}$ oz. 30c. .10
Imperial Dwarf Blue. Extra neat; fine for edging. 9 in.	$\frac{1}{4}$ oz. 50c. .15
Imperial Dwarf White. Pretty for contrast; fine for edgings. 9 in.	$\frac{1}{4}$ oz. 50c. .15
Blue Perfection. Very fine dwarf. 9 in.	$\frac{1}{4}$ oz. 50c. .15
Little Blue Star. Light blue; fine for carpet bedding. 6 in.	$\frac{1}{4}$ oz. \$1.00 .25
Princess Victoria Louise. Dwarf, light blue, white center. 9 in.	$\frac{1}{4}$ oz. \$1.00 .25
Swanley Blue. A fine, large-flowered sort. 1 ft.	$\frac{1}{4}$ oz. \$1.50c. .15



Ageratum, Dwarf Blue

	Pkt.
AGROSTEMMA coelirosa (Rose of Heaven). H.A. Bright rose; excellent for cutting. 18 in.	$\frac{1}{4}$ oz. 35c. \$0.10
coelialba. White.	$\frac{1}{4}$ oz. 25c. .10
coronaria (Rose Campion). H.P. Crimson flowers, silver foliage. 2 ft.	$\frac{1}{4}$ oz. 35c. .10
ALONSOA warscewiczii compacta. H.A. For pot culture or outside planting. Foliage dark green with racemes of bright scarlet flowers. 15 in. ....	.25

**ALSTROEMERIA HYBRIDS.** Pkt.

Mixed. Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades. 3 ft.\$0.25

ALYSSUM. H.A. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.

maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer. 6 in.oz. 50c. .10

maritimum compactum, Little Gem. Grows erect; fine for edging.oz. \$1.00 .10

benthami compactum, Lilac Queen. Pure lilac flowers, dwarf and compact growth. 6 in. $\frac{1}{4}$ oz. 35c. .10

benthami compactum lutescens. Yellowish flowers on strictly upright flower spikes. 6 in. $\frac{1}{4}$ oz. 35c. .10

procumbens (Carpet of Snow). Dwarf; pure white. 4 in. $\frac{1}{4}$ oz. 50c.\$0.10

saxatile compactum. H.P. Spring-blooming Alyssum with yellow flowers. 12 in. $\frac{1}{4}$ oz. 75c. .15

saxatile, Silver Queen. An early Spring-blooming perennial with masses of palest lemon flowers. 6 in.25

AMARANTHUS. H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.

caudatus (Love-lies-bleeding). Long drooping crimson spikes. 3 ft. $\frac{1}{4}$ oz. 35c. .10

salicifolius (Fountain Plant). Distinct variety, with graceful drooping leaves. 2 ft. $\frac{1}{4}$ oz. 35c. .10

tricolor (Joseph's-coat). Leaves red, yellow and green. 2 ft. $\frac{1}{4}$ oz. 50c. .10

AMPELOPSIS veitchi (Japanese Woodbine, or Boston Ivy). H.C. $\frac{1}{4}$ oz. 40c. .10**ANAGALLIS grandiflora** (Pimpernel). H.H.A. Showy garden plant. 6 in. $\frac{1}{4}$ oz. 35c. .10**ANCHUSA capensis.** H.A. Flowers resembling large Forget-me-nots. 18 in. $\frac{1}{4}$ oz. 75c. .10

grandiflora (Dropmore Variety). H.P. Large flowered, dark blue. 5 ft. $\frac{1}{8}$ oz. 50c. .15

ANEMONE. H.P. A very pleasing perennial, producing large flowers. 12 in.

coronaria, St. Brigid (Poppy Anemone). Mixed colors. $\frac{1}{8}$ oz. 50c. .15

ANGELONIA grandiflora. G.P. A sweet-scented greenhouse plant with dainty mauve sprays of Pkt. flowers. 2 ft.\$0.25**ANTHEMIS kelwayi.** H.P. Very pretty small flower, like a yellow Chrysanthemum. 6 in. $\frac{1}{4}$ oz. 75c. .15**ANTIRRHINUM** (H.H.B.)

The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.

Greenhouse Forcing Varieties: Pkt.

Keystone. Fine forcing pink...\$0.50

Orlando. A beautiful bronze... 1.00

Penn-Orange. Vivid orange with yellow and pink shadings. 1.00

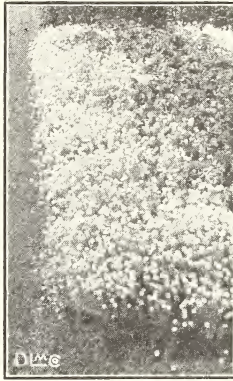
Philadelphia Pink. A beautiful greenhouse pink.50

Silver Pink. Ramsburg strain.50

Scarlet Giant. A fine forcer.25

Matchless White. A selected strain.50

Matchless Yellow. A fine strain.50



Sweet Alyssum



Antirrhinum

Large-flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.

Black Prince. Dark-leaved, blackish crimson purple. $\frac{1}{8}$ oz. 50c.\$0.15

Defiance. Fiery scarlet. $\frac{1}{8}$ oz. 50c. .15

Golden Queen grandiflora. Pure yellow. $\frac{1}{8}$ oz. 50c. .15

Queen of the North. White. $\frac{1}{8}$ oz. 50c. .15

roseum superbum. Rosy-pink. $\frac{1}{8}$ oz. 75c. .15

Silver Queen. A distinct color of pure silvery lilac. A beautiful color under artificial light. .15

The Bride. White, changing to delicate rose. $\frac{1}{8}$ oz. 50c. .15

Fine Mixed. All colors. $\frac{1}{4}$ oz. 60c. .15

Collection of six above varieties.75

Marshall's Giant - flowering Varieties. These grow about 3 feet high and are all of the large-flowering types.

Bonfire. Bright cinnabar red, yellow blotch. $\frac{1}{4}$ oz. 75c. .15

Coral Red. Rich, with red throat. $\frac{1}{4}$ oz. 75c. .15

Defiance. Fiery scarlet. $\frac{1}{4}$ oz. 75c. .15

Firefly. Scarlet and white. $\frac{1}{4}$ oz. 50c. .15

Indian Summer. A rich velvety and glossy copper color. $\frac{1}{8}$ oz. \$1.00 .25

Queen Victoria. Large white. $\frac{1}{4}$ oz. 50c. .15

roseum. Rose. $\frac{1}{4}$ oz. 50c. .15

Ruby. Pure ruby red. $\frac{1}{4}$ oz. 50c. .15

Salmon Pink. Very large flowering. $\frac{1}{4}$ oz. 75c. .15

Striped. Odd and pretty. $\frac{1}{4}$ oz. 50c. .15

Venus. Delicate rose on white ground. $\frac{1}{4}$ oz. 50c. .15

Giant Yellow. $\frac{1}{4}$ oz. 60c. .15

Giant Large-flowered Mixed. Fine variety of colors. $\frac{1}{4}$ oz. 50c. .10

Collection of six distinct varieties.75

Collection of twelve distinct varieties. 1.50

AQUILEGIA or Columbine. H.P. Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.**Marshall's Matchless Long-spurred Hybrids.** A grand variety of colors of the long-spurred and large-flowered forms. 3 ft.1-16 oz. \$1.00 .25

caerulea hybrida. Large flowered blue hybrids. 3 ft. $\frac{1}{8}$ oz. 75c. .25

chrysantha. Long-spurred, golden yellow. 2 ft. $\frac{1}{4}$ oz. 75c. .25

chrysantha grandiflora alba. Large pure white. 2 ft. $\frac{1}{8}$ oz. \$1.00 .25

gladulosa vera. dark blue with white. 12 in.25

Marshall's Rose Queen. A beautiful selection of long-spurred rose shades.25

skinneri. A beautiful scarlet, tipped green. 2 ft. $\frac{1}{8}$ oz. \$1.00 .25

Collection of five choice varieties. 1.00

Single. Mixed colors. $\frac{1}{4}$ oz. 75c. .15

Double-flowering. Mixed colors $\frac{1}{4}$ oz. 75c. .15

ARABIS alpina. H.P. Excellent for borders or rockwork. Pure white. 6 in.....	1/4 oz. 50c.	\$0.15
ARCTOTIS grandis. H.A. Daisy-like flowers; white shaded blue. 2 ft.....	1/4 oz. 50c.	.15
ARMERIA, Giant Thrift. H.P. A pretty edging plant with deep pink flowers. 12 in....		.15
ASPARAGUS plumosus nanus. G.P. Graceful and feathery bright green foliage. 8 ft. 100 seeds \$1.00		.25
sprengeri. A handsome variety of rapid growth for hanging baskets. 3 ft.....	100 seeds 50c.	.15
ASPERULA odorata (Woodruff). H.P. The white flowers and foliage are perfumed. 12 in....		.15



ASTERS

Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots and boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well prepared beds.

CHRYSANTHEMUM - FLOWERED.

Dwarf. A splendid variety of compact habit. 12 in.	1/4 Oz.	Pkt.
Apple Blossom	\$1.25	\$0.15
Dark Blue	1.25	.15
Fiery Scarlet	1.25	.15
Light Blue	1.25	.15
White	1.25	.15
Rose	1.25	.15
Finest Mixed Colors	1.00	.15

CREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful large flowers. 2 ft.		
Crimson	1.00	.15
Lavender	1.00	.15
Purple	1.00	.15
Rose	1.00	.15
White	1.00	.15
Finest Mixed. All colors.....	.75	.15

GIANT BRANCHING COMET. A Giant Comet type of Branching Asters. All large, full flowers. 2 ft.	1/4 Oz.	Pkt.
Crimson	\$0.75	\$0.10
Lavender.....	.75	.10
Light Pink.....	.75	.10
Royal Purple.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Finest Mixed Colors.....	.75	.10

IMPROVED GIANT BRANCHING. The flowers are large, fine for cutting. 2 ft.		
Crimson	1.00	.10
Dark Blue	1.00	.10
Light Blue	1.00	.10
Rose	1.00	.10
Shell Pink	1.00	.10
White	1.00	.10
Finest Mixed. All colors.....	1.00	.10
Collection of Six Varieties.....	...	.50

MARSHALL'S KING. Upright growth; large flowers, long, narrow petals. 2 ft.		
Crimson	1.25	.15
Lavender	1.25	.15
Pink	1.25	.15
Rose	1.25	.15
Violet	1.25	.15
White	1.25	.15
Finest Mixed	1.00	.15

OSTRICH PLUME. Splendid class, fine for cutting. 18 in.		
Crimson	1.00	.10
Light Blue	1.00	.10
Rose	1.00	.10
White	1.00	.10
Finest Mixed Colors	1.00	.10

QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts. 18 in.		
Crimson.....	.75	.10
Dark Blue.....	.75	.10
Light Blue.....	.75	.10
Pink.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Choice Mixed. All colors.....	.60	.10

SINGLE SINENSIS. Popular for cut flowers. 18 in.		
Light Blue	1.00	.15
Pink	1.00	.15
Scarlet	1.00	.15
Violet	1.00	.15
White	1.00	.15
Finest Mixed Colors.....	.75	.15

VARIOUS ASTERS.

Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. 2 ft.	1.25	.15
Enchantress Pink. Very large flowers, delicate pink.....	1.25	.15
Everlasting Flesh. This curious Aster resembles a large Helichrysum or Strawflower; when cut and dried it retains its color and shape as an everlasting flower.....	...	.25

Purity. Of the same type as Daybreak, differing only in color, which is a pure white. 2 ft.	1.25	.15
Yellow Fancy. Canary-yellow flowers as large as the Giant Comet. Fine for cutting. 2 ft.	1.25	.15

ASTER. Michaelmas Daisy. H.P. Large flowering, hardly mixed, Fall flowering varieties. 2 1/2 ft.	1/2 oz. \$1.00	.25
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Farreri. H.P. The flowers are single with violet-mauve petals and a large golden-orange disc, often 2 1/2 inches in diameter produced on long, stiff naked stems. Commencing to bloom in May50
AUBRIETIA. H.P. Suitable for rockwork and herbaceous borders. 9 in.		
graeca. Purple; trailing.....		.25
leichtlini. Carmine; trailing.....		.25
hybrida grandiflora. Finest mixed colors ...		.25



Balsam



Bellis perennis



Calliopsis

- AURICULA, Finest Mixed.** H.H.P. The flowers resemble the Primrose. 6 in. Pkt. \$0.25
- BACHELOR BUTTON.** (See *Centaurea cyanus*).
- BALLOON VINE.** H.H.C. White flowers, followed by balloon-like seed pods. 15 ft. .10
- BALSAM** (Lady's Slipper). H.A. Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam. 18 in. Pkt.
- | | | |
|---|--|-----|
| Double Dark Blue. $\frac{1}{4}$ oz. 50c. | Double Yellow. $\frac{1}{4}$ oz. 50c. | .10 |
| Double Salmon. $\frac{1}{4}$ oz. 50c. | Double White. $\frac{1}{4}$ oz. 50c. | .10 |
| Double Scarlet. $\frac{1}{4}$ oz. 50c. | Mixed Colors. Extra choice; double. | .10 |
| Collection Camellia-flowered. Six separate colors. | | .50 |
- BARTONIA aurea.** H.A. Showy garden annual, with large single yellow flowers. 12 in. Pkt. \$0.30.
- BEGONIA, Bedding Varieties.** H.H.A. The following are of the Semperflorens type. Fine for bedding in full sun or shaded situations.
- Dwarf Vernon.** Scarlet flowers, dwarf habit. 6 in. 1-16 oz. \$2.00
- erfordi.** The best carmine bedding variety. 6 in. 1-32 oz. \$4.00
- gracilis rosea.** Free flowering, delicate rose. 9 in. .25
- gracilis luminosa.** Flowers fiery deep scarlet. 9 in. .25
- Marshall's Crimson.** Light green foliage, with large crimson fiery-red flowers. .50
- gracilis Mignon.** Scarlet flowers, foliage deep green, with red spots and border. 6 in. .25
- gracilis "White Pearl."** Pure white flowers, $\frac{1}{2}$ in. in diameter, with light green foliage. 9 in. .25
- Salmon Queen.** Bright salmon flowers. 6 in. .25
- Vernon.** Bronze foliage with scarlet flowers. 9 in. 1-16 oz. \$2.00
- BEGONIA, Tuberous-rooted.** G.P. Produce magnificent flowers; grown either in pots or for bedding.
- Marshall's Giant Single, Mixed.** Large flowering. 12 in. .50
- Marshall's Giant Double, Mixed.** Large flowering. 12 in. .50
- Rex Varieties.** Choice ornamental-leaved varieties. 12 in. .50
- BELLIS perennis fl. pl.** (Double English Daisy). H.P. Popular Spring-flowering perennial often used with Pansies and Forget-me-nots. 6 in. Pkt.
- | | | |
|-------------------------------|--------------------------|-----|
| Longfellow. Dark rose. | $\frac{1}{8}$ oz. \$1.00 | .25 |
| Snowball. Pure white. | $\frac{1}{8}$ oz. \$1.00 | .25 |
| Giant Red. Dark red. | 1-16 oz. \$1.00 | .25 |
| Giant Mixed. | $\frac{1}{8}$ oz. \$1.00 | .25 |
- BLUE LACE FLOWERS** (See *Didiscus caerulea*).
- BOCCONIA japonica** H.P. A very ornamental hardy perennial; fine in large beds; flowers white. 6 ft. Pkt. \$0.50.
- BOLTONIA asteroides.** H.P. Pure white Aster-like flowers. 4 ft. .25
- latisquama.** Pink flowers, tinged with lavender. 5 ft. .25
- BRACYCOME iberidifolia.** H.H.A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual; pretty blue flowers. 18 in. $\frac{1}{4}$ oz. 50c. .15
- iberidifolia, Mixed** (Swan-River Daisy). For edging. 12 in. $\frac{1}{4}$ oz. 50c. .15
- BROWALLIA.** H.A. Profuse-blooming annual, highly prized for summer bedding or as greenhouse plants. Fine for cutting. 2 ft. Pkt.
- | | | |
|--|------------|-----|
| elata caerulea. Bright blue; fine for cutting. | oz. 50c. | .10 |
| rozli. Free flowering, bluish white. | oz. \$1.00 | .10 |
| speciosa major. Flowers $1\frac{1}{2}$ to 2 in. across; blue, white throat. | oz. 75c. | .10 |
| viscosa. The salver-shaped flowers are of a bright violet-blue. | oz. 75c. | .10 |
- CACALIA coccinea** (Tasselflower). H.A. Scarlet flowers. 2 ft. $\frac{1}{4}$ oz. 35c. .10
- CALCEOLARIA hybrida grandiflora.** G.P. Highly prized plants for conservatory and house decoration.
- Marshall's Matchless Strain.** Of the richest and most delicate colors, in the most marvelous variety of shades and marking, self-spotted and blotched. .50
- Large Flowering "Dalkeith Park Strain."** Finest varieties. .50
- rugosa Mixed.** The well-known bedding varieties. 12 in. .50
- CALENDULA** (Cape Marigold). H.A. Free and continuous flowering garden plants. 12 in. Pkt.
- | | | |
|---|--------------------------|-----|
| Meteor. Double yellow, striped orange. | oz. 50c. | .10 |
| Marshall's Orange King, grandiflora. Dark orange red. | oz. \$1.00 | .10 |
| Prince of Orange. Orange, with dark eye. | oz. 75c. | .10 |
| Sulphur Crown. Very large double sulphur-yellow. | oz. 75c. | .10 |
| The Ball. Very large, double orange flowers with long stems. | $\frac{1}{4}$ oz. \$2.00 | .25 |
| Finest Mixed. All varieties. | oz. 50c. | .10 |
- CALLIOPSIS.** H.A. Nothing is more effective than a large bed of these golden flowers; exceedingly free flowering. Pkt.
- | | | |
|--|------------------------|--------|
| atrosanguinea. Rich dark red. 18 in. $\frac{1}{4}$ oz. 30c. | $\frac{1}{4}$ oz. 30c. | \$0.10 |
| compacta, Crimson King. Deep bright scarlet. 18 in. | $\frac{1}{4}$ oz. 50c. | .10 |
- Golden Wave** (Drummond). Pure yellow flowers, very large and showy. $\frac{1}{4}$ oz. 50c. .10
- marmorata.** Maroon and gold. 18 in. $\frac{1}{4}$ oz. 50c. .10
- tinctoria.** Large bright yellow and maroon flowers. 2 ft. $\frac{1}{4}$ oz. 50c. .10
- Dwarf, Finest Mixed.** All shades of yellow, red and brown. 12 in. $\frac{1}{4}$ oz. 30c. .10
- Tall Mixed.** A grand variety for cutting. 2 ft. $\frac{1}{4}$ oz. 30c. .10



Calendula



CALLIRHOE involucrata. Pkt.
(Poppy Mallow). H.P. Beautiful trailing plant with palmate foliage; flowers large, crimson, with white center. 12 in. $\frac{1}{4}$ oz. 75c. \$0.15

CAMPANULAS. H.P. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.

carpatica. Deep blue; for rockeries, beds and edgings. 6 in. $\frac{1}{4}$ oz. 50c. .15

carpatica alba. Flowers white. 6 in. $\frac{1}{4}$ oz. 50c. .15

grandiflora mariesi. A fine dwarf dark blue variety. 12 in. .15

pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft. $\frac{1}{4}$ oz. \$1.00 .15

pyramidalis alba. Pure white, 4 ft. $\frac{1}{4}$ oz. \$1.00 .15

persicifolia grandiflora, Blue. Superb large flowers. 2 ft. $\frac{1}{8}$ oz. \$1.25 .25

persicifolia grandiflora alba. A white-flowered variety. $\frac{1}{8}$ oz. \$1.25 .25

persicifolia Telham Beauty. China blue, very large flowers. 2 ft.50

persicifolia grandiflora, Fine Mixed. Very showy. 2 ft. $\frac{1}{8}$ oz. \$1.25 .25

CANTERBURY BELLS. H.B. Well-known, handsome hardy biennials, bearing large bell-and-saucer-shaped flowers in profusion; well adapted for borders. 2 ft.

medium Blue. $\frac{1}{4}$ oz. 50c. .10

Rose. $\frac{1}{4}$ oz. 50c. .10

Striped. $\frac{1}{4}$ oz. 50c. .10

White. $\frac{1}{4}$ oz. 50c. .10

Mixed. All colors $\frac{1}{4}$ oz. 50c. .10

Double Blue. Rich, heavy, curious flowers. $\frac{1}{4}$ oz. \$1.00 .15

Double White. $\frac{1}{4}$ oz. \$1.00 .15

Double Rose. $\frac{1}{4}$ oz. \$1.00 .15

Double Mixed. $\frac{1}{4}$ oz. 75c. .15

calycanthema ("Cup and Saucer"). A race of Canterbury Bells. Large, semi-double flowers resembling a cup and saucer. 2 ft.

calycanthema. $\frac{1}{4}$ oz. \$1.25 .15

Blue. $\frac{1}{4}$ oz. \$1.25 .15

Lavender. $\frac{1}{4}$ oz. \$1.25 .15

Rose. $\frac{1}{4}$ oz. \$1.25 .15

White. $\frac{1}{4}$ oz. \$1.25 .15

Mixed. $\frac{1}{4}$ oz. \$1.00 .15

CANARY BIRD VINE. H.A.C. Pretty climber, with yellow, butterfly-like flowers. 10 ft. Oz. 50c. .10

CANDYTUFT. H.A. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers. 12 in.

coronaria Empress. A large-flowered variety of purest white, grown extensively for cut flowers. 12 in. $\frac{1}{4}$ oz. 30c. .10

coronaria Little Prince. Very large heads of Pkt. pure white flowers. 6 in. $\frac{1}{4}$ oz. 50c. \$0.10

coronaria Giant Hyacinth-flowered. White. $\frac{1}{4}$ oz. 30c. .10

Marshall's White Perfection. A grand white variety. $\frac{1}{4}$ oz. 50c. .10

Queen of Italy. Dwarf, rosy white. 6 in. $\frac{1}{4}$ oz. 35c. .10



Candytuft



Campanula



Celosia

Rose Cardinal. Bright rosy Pkt. cardinal, a rich and striking color. $\frac{1}{4}$ oz. 50c. \$0.10

umbellata dunnetti. Dark crimson. $\frac{1}{4}$ oz. 30c. .10

umbellata lilacina. Lilac-purple. $\frac{1}{4}$ oz. 30c. .10

umbellata Dwarf Hybrids. Mixed colors; neat and pretty. 6 in. $\frac{1}{4}$ oz. 50c. .10

Mixed Annual Sorts. oz. 50c. .10

sempervirens. H.P. White flowers. 12 in. $\frac{1}{8}$ oz. \$1.00 .25

gibraltarica. H.P. Beautiful bluish-white. 12 in. $\frac{1}{4}$ oz. \$1.25 .15

CANNAS. H.P. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft.

Mixed. Dark-leaved variety. oz. 50c. .10

Crozy's Large Flowering. Dwarf, mixed varieties. oz. 60c. .10

CARDINAL CLIMBER. (See Ipomoea cardinalis). H.A.C.

CARNATION. Marguerite. H.H.P. The perpetual flowering Carnations produce a large proportion of double flowers in six months from sowing. 18 in.

Marshall's Giant, Double Scarlet. $\frac{1}{8}$ oz. \$1.25 .15

Marshall's Giant, Double White. Large, perfect flowers. $\frac{1}{8}$ oz. \$1.25 .15

Marshall's Giant, Double Yellow. A clear soft shade. $\frac{1}{8}$ oz. \$1.25 .15

Marguerite, Giant Double Mixed. Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{8}$ oz. \$1.00 .15

Chaubaud's Everblooming Mixed. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. 18 in.25

Early Dwarf Vienna. Double mixed. 12 in. $\frac{1}{4}$ oz. 75c. .15

Grenadine Double Scarlet. Very early flowering. 18 in. $\frac{1}{4}$ oz. \$1.00 .15

Finest Double Mixed. Border. Saved from extra fine flowers. 18 in. $\frac{1}{4}$ oz. \$1.00 .15

CASTOR BEANS. (See Ricinus).

CELOSIA cristata, or Cockscomb. H.H.A. Popular annual of easy culture, producing Cockscomb-like heads.

childsi (Chinese Woolflower). A variety of feathered Celosia with large globular flower-heads like balls of wool. 2 ft.

childsi Crimson. $\frac{1}{8}$ oz. 75c. .15

childsi Pink. $\frac{1}{8}$ oz. 75c. .15

childsi Yellow. $\frac{1}{8}$ oz. 75c. .15

childsi Mixed. $\frac{1}{8}$ oz. 50c. .15

Empress. Crimson combs; dark foliage. 9 in. $\frac{1}{4}$ oz. \$1.25 .15

Glasgow Prize. Large, deep crimson. 12 in. $\frac{1}{8}$ oz. \$1.00 .15

Queen of the Dwarfs. Very dwarf form, deep crimson. 6 in. $\frac{1}{8}$ oz. \$1.00 .15

Dwarf. Mixed colors. Extra fine strain. 9 in. $\frac{1}{4}$ oz. \$1.00 .15



	Pkt.		Pkt.
CELOSIA plumosa , or Ostrich Plume . H.H.A. Producing large, graceful plumes. Makes fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. 3 ft.		CHRYSANTHEMUM , Annual Varieties . Showy, hardy annuals of easiest cultivation, blooming from July until frost. 12 to 18 in.	
pyramidalis magnifica aurea . Golden-yellow plumes..... $\frac{1}{4}$ oz. 75c.	\$0.15	coronarium compactum , White Pearl . Fine for cutting..... $\frac{1}{4}$ oz. 35c.	\$0.10
pyramidalis magnifica kermesina . Crimson plumes..... $\frac{1}{4}$ oz. 75c.	.15	coronarium compactum , Primrose Queen $\frac{1}{4}$ oz. 35c.	.10
pyramidalis magnifica coccinea . Scarlet plumes..... $\frac{1}{4}$ oz. 75c.	.15	coronarium , Double White $\frac{1}{4}$ oz. 35c.	.10
pyramidalis magnifica purpurea . Dark crimson..... $\frac{1}{4}$ oz. 75c.	.15	coronarium , Double Yellow $\frac{1}{4}$ oz. 35c.	.10
pyramidalis , Thompson's Superb . Of pyra- midal growth and producing graceful, fea- thery plumes; dwarf habit, dark crimson. $\frac{1}{4}$ oz. 75c.	.15	coronarium , Double Mixed . Yellow, white, etc..... $\frac{1}{4}$ oz. 35c.	.10
pyramidalis plumosa , Mixed . Feathered varieties in all colors..... $\frac{1}{4}$ oz. 75c.	.15	inodorum plenissimum . Free flowering va- riety of spreading habit, with pure white flowers resembling Asters..... $\frac{1}{4}$ oz. 50c.	.10
Pride of Castle Gould . All shades in choicest mixture; branching habit..... $\frac{1}{8}$ oz. \$1.00	.25	tricolor , Lord Beaconsfield . White and rose. $\frac{1}{4}$ oz. 35c.	.10
CELSIA arcturus . G.P. Long spikes of bright yellow flowers. Fine for pot culture in cool greenhouse.....	.25	tricolor , Morning Star . Large primrose flow- ers..... $\frac{1}{4}$ oz. 35c.	.10
CENTAUREA . H.A. Beautiful silvery foliaged bedding plants; used for bordering and edging.		Northern Star . Large ivory white flowers with sulphur zone..... $\frac{1}{4}$ oz. 50c.	.10
candidissima . Round, compact plants, white leaves, broadly cut. 12 in..... $\frac{1}{8}$ oz. 75c.	.15	tricolor , Single . Finest mixed..... $\frac{1}{4}$ oz. 35c.	.10
gymnocarpa . Fine cut silvery foliage. 18 in. $\frac{1}{4}$ oz. 50c.	.15	tricolor , Double-fringed Mixed . This is a very graceful flower..... $\frac{1}{4}$ oz. 35c.	.10
CENTAUREA . H.A. They flower finest in full sun and poor soil. Sow in the open ground in Spring.		Collection of six varieties . Annual.....	.50
americana . Bushy garden plants; lavender- blue, fragrant. 3 ft..... $\frac{1}{4}$ oz. 60c.	.15	CHRYSANTHEMUM , Perennial Varieties . frutescens (The White Paris Daisy). Charm- ing plant for greenhouse or Summer bedding outdoors. 18 in..... $\frac{1}{8}$ oz. 50c.	.15
Chameleon . Large; yellow and rose. 18 in. $\frac{1}{4}$ oz. 75c.	.15	japonicum . From finest Japanese flowers, 3 ft. Extra choice mixture.....	.25
Margaritae . Pure white, $2\frac{1}{2}$ inches across, exquisitely laciniated and delightfully scented. 18 in..... $\frac{1}{4}$ oz. 50c.	.15	Japanese Mountain . H.H.P. A dwarf free Fall- flowering variety. Various colored flowers..	.25
montana . H.P. Large flowers of deep purple, very showy. 2 ft..... $\frac{1}{8}$ oz. 35c.	.15	maximum "Perfection." Very free-flowering; pure white. 18 in..... $\frac{1}{4}$ oz. 50c.	.15
suaveolens , Yellow Sweet Sultan . Fine for cutting. 18 in..... $\frac{1}{4}$ oz. 50c.	.15	maximum grandiflorum (The Shasta Daisy). Pure white; very large. 18 in..... $\frac{1}{4}$ oz. 50c.	.15
CENTAUREA cyanus (Bachelor Button, Corn- flower, Blue Bottle, or Ragged Sailor). H.A. This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountain. 18 in.		CINERARIA maritima candidissima . H.H.P. A white-leaved "Dusty Miller," used for edging. 1 ft..... $\frac{1}{4}$ oz. 35c.	.15
Marshall's Double Blue . Fine for cutting. $\frac{1}{4}$ oz. 75c.	.10	CINERARIA hybrida . G.P. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.	
Liberty Blue . The true Emperor deep blue Bachelor Button..... $\frac{1}{4}$ oz. 50c.	.10	Marshall's Matchless Prize Mixed . Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit. 2 ft.....	.50
rosea , Double . Rose-pink..... $\frac{1}{4}$ oz. 40c.	.10	Cactus-flowered Mixed . Large flowers with narrow rolled petals radiating from the center. Fine for conservatory. 2 ft.....	.50
White , Double . Very pretty for decorations and borders..... $\frac{1}{4}$ oz. 40c.	.10	grandiflora , Matchless Dwarf Prize Mixed . This strain is just as choice as above, but dif- ferent in height. 18 in.....	.50
Finest Mixed , Double $\frac{1}{4}$ oz. 25c.	.10	hybrida multiflora nana . The dwarfiest and most compact strain, with large flowers. 9 in.	.50
CENTAUREA imperialis , Giant Imperial Sweet Sultan . H.H.A. The finest of all Sweet Sultans for cut flower purposes. 3 ft.		stellata , Blue Star-flowered . Tall, pyramidal plants, bearing star-like flowers. 2 ft.....	.50
Lilac $\frac{1}{4}$ oz. 50c.	.15	stellata , Pink Star-flowered.....	.50
Purple $\frac{1}{4}$ oz. 50c.	.15	stellata , White Star-flowered.....	.50
Rose $\frac{1}{4}$ oz. 50c.	.15	stellata hybrids , Mixed Colors.....	.50
White $\frac{1}{4}$ oz. 50c.	.15	CLARKIA . H.A. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are fine, seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade. 2 ft.	
White, shading to rose $\frac{1}{4}$ oz. 50c.	.15	Brilliant . Double salmon-scarlet flowers....	.15
Finest Mixed . All colors..... $\frac{1}{4}$ oz. 40c.	.15	Queen Mary . Very bright rose-carmine, double flowers..... $\frac{1}{4}$ oz. 50c.	.15
CERASTIUM tomentosum (Snow-in-summer). H.P. A dwarf, white-leaved edging plant with small white flowers. 6 in..... $\frac{1}{8}$ oz. 75c.	.25	rosea flore pleno . Double rose..... $\frac{1}{4}$ oz. 50c.	.15
CHELONE barbata . H.P. Long racemes of scarlet flowers. 2 ft.....	.15	Salmon Queen . Extra double, salmon-pink. $\frac{1}{4}$ oz. 50c.	.15
CHEIRANTHUS allioni (Alpine Wallflower). H.H.P. Excellent for rockery or border; bril- liant orange flowers. 9 in..... $\frac{1}{4}$ oz. \$1.00	.25	Scarlet Queen . Fine double, brilliant salmon- orange-scarlet..... $\frac{1}{4}$ oz. 50c.	.15
linifolius . This charming lilac Wallflower is seldom out of flower. Valuable for hardy borders and rock gardens. 12 in.....	.25	White . Very double, pure white flowers....	.15
		.....$\frac{1}{4}$ oz. 50c.	.15
		Double Mixed . All colors..... $\frac{1}{4}$ oz. 35c.	.10

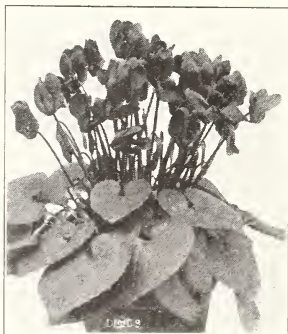


- CLEOME gigantea** (Giant Spiderflower). H.A. Bright rosy-crimson flowers: adapted for large beds or borders. 3½ ft. ¼ oz. 50c. \$0.15
- CLIANTHUS dampieri**. G.P. (Austrian Glory Pea). Scarlet flowers.25
- CLERODENDRON fallax**. G.P. Erect growing greenhouse plant, with large spikes of scarlet flowers.50
- COBAEA scandens**. H.A.C. Tender climber, large, bell-shaped blue flower. 20 ft. ¼ oz. 30c. .15
- White. Large white, bell-like flowers. ¼ oz. 60c. .15
- COCKSCOMB**. (See *Celosia cristata*).
- COLEUS, Marshall's Matchless Mixed**. G.P. Richly colored foliage plants.25
- thyrsoides**. Flowers light blue, borne in panicles; fine leaves. \$1.00
- COLLINSIA, Mixed**. Free flowering, hardy annuals of deserved popularity, blooming from June to October, and suited to dry situations. ¼ oz. 35c. .10
- COLUMBINE**. (See *Aquilegia*).
- CONVOLVULUS, or Morning Glories**. (See also *Ipomoea*). H.A.C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.
- major**. Mixed colors. Climbers of rapid growth. 30 ft. oz. 30c. .10
- minor, or Bush Morning Glories**. Mixed colors. 12 in. oz. 30c. .10
- COREOPSIS**. H.P. Long stemmed, large, single flowers. 2 ft.
- grandiflora**. Large flowers of rich yellow. ¼ oz. 35c. .15
- CORN, Rainbow**. H.A. Variegated leaves, striped in green, white and yellow. 5 ft. oz. 50c. .10
- CORNFLOWER**. (See *Centaurea cyanus*).
- COSMOS**. H.A. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft.
- Double - crested, Early - flowering**. Semi-double flowers in great profusion. 5 ft.
- Crimson King**. Bright red. . . ¼ oz. \$1.50 .25
- Pink Beauty**. A lovely shade of pink, crested flowers. ¼ oz. \$1.50 .25
- White Queen**. Pure white, crested flowers. ¼ oz. \$1.50 .25
- Crested Mixed**. The above colors in mixture. Pkt. ¼ oz. \$1.25 .25
- Extra Early Giant-flowering**. Flowers 4 to 5 inches across. 4 ft.
- Crimson**. ¼ oz. 60c. \$0.10
- Pink**. ¼ oz. 60c. .10
- White**. ¼ oz. 60c. .10
- Mixed Colors**. ¼ oz. 50c. .10
- Giant Late-flowering**. Blooms in September and October. 5 ft.
- Lady Lenox**. Pink. ¼ oz. 50c. .10
- Lady Lenox**. White. ¼ oz. 50c. .10
- Red**. ¼ oz. 50c. .10
- Mixed**. All shades. ¼ oz. 35c. .10
- Klondyke**. Large flowered golden yellow. ¼ oz. 50c. .10

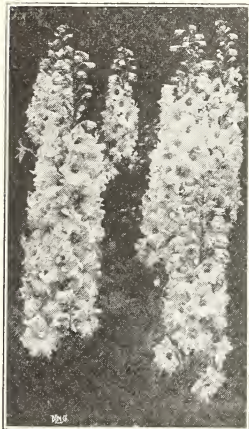


Cosmos

- COWSLIP, Mixed** (*Primula veris*). H.P.A. Spring-flowering plant. Beautiful colors, rich brown, crimson and yellow. 6 in. \$0.25
- CUPHEA platycentra** (Cigar Plant). H.H.P. Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip. 1 ft.25
- CYNOGLOSSUM amabile**. H.A. Beautiful rich blue, sweet-scented flowers. Fine for cutting. 18 in. ¼ oz. \$1.00 .25
- CYPERUS alternifolius** (Umbrella Plant). G.P. Handsome plants easily raised from seed; used for table decorations and combining with palms; semi-aquatic. 2 ft.25
- CYCLAMEN**. G.P. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.
- Marshall's Giant Varieties** (*Persicum giganteum*). New crop seeds usually arrive in August.
- Bush Hill Pink**. Color a bright rosy-pink, foliage beautifully marbled. 1.00
- Crimson King**. Dark crimson. 100 seeds, \$2.00 .50
- Giant White**. 100 seeds, \$2.00 .50
- Fragrance**. Color rose and beautifully fragrant. 1.00
- Fragrant Gem**. Flowers white with rose eye. 1.00
- Mrs. Buckston**. Salmon-pink, heavily fringed. 100 seeds, \$3.00 1.00
- Salmon Queen**. Salmon. . . . 100 seeds, \$2.00 .50
- St. George**. Pale salmon, with marbled foliage. 100 seeds, \$3.00 1.00
- Victoria**. A pretty form with colored fringe at the top of the petals. In several colors. 100 seeds, \$2.50 1.00
- Marshall's Giant Mixture**. Includes all the brilliant colors. 100 seeds, \$2.00 .50
- Papillio, or Giant-fringed Butterfly**. Mixed colors; flowers beautifully fringed. 100 seeds, \$3.00 1.00
- DAHLIA**. H.H.P. This popular flower can be easily raised from seed, flowering the same season. Seed should be sown early in gentle heat. 4 to 6 ft.
- Coltness Hybrids**. Single varieties in many colors, growing from 18 to 24 inches in height. .50
- Double, Large - flowering**. Double mixed colors.25
- Cactus**. New choice varieties. Mixed colors.50
- Single, Large - flowering**. Mixed.25
- DAISY, Double**. (See *Bellis perennis*.)
- DAISY, Single**. (See *Chrysanthemums*.)
- DATURA** (Trumpetflower). H.H.A. Robust garden annual, bearing large trumpet-shaped flowers. 4 ft.
- Double-flowering** (*Fastuosa* fl. pl.) Mixed. . . ¼ oz. 40c. .15
- Cornucopia** (*Horn of Plenty*). Flowers white and purple. ¼ oz. 40c. .15



Cyclamen



Delphinium

DELPHINIUM (Larkspur). H.P. Delphiniums are Pkt.

hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.

belladonna. Very large-flowered, light azure blue. $\frac{1}{8}$ oz. \$1.00 \$0.25

Blue Butterfly. Graceful spikes of large azure-blue flowers. $\frac{1}{8}$ oz. \$1.00 .25

bellamosa. An improved Formosum which is not subject to mildew. Dark blue in color. $\frac{1}{8}$ oz. \$1.00 .25

chinensis album. Pure white. 18 in. $\frac{1}{4}$ oz. 50c. .15

chinensis azureum. Azure blue. 18 in. $\frac{1}{4}$ oz. 50c. .15

chinensis Mixed (grandiflorum). Shades of blue and pure white. 18 in. $\frac{1}{4}$ oz. 50c. .15

formosum coelestinum. Sky-blue; handsome. $\frac{1}{8}$ oz. 75c. .15

Blackmore & Langdon's Hybrids. Containing the latest and best varieties in cultivation. 5 ft. .50

Marshall's Matchless Hybrids. Choice show hybrids, saved from the best named varieties. $\frac{1}{8}$ oz. \$1.00 .25

Wrexham or Hollyhock Hybrids. This wonderful strain is conspicuous Pkt. for its broad-based tall spikes, carrying large individual flowers that run largely in deep shades. \$2.00



Dianthus

DICTAMNUS fraxinella. H.P. Handsome spikes of reddish flowers and fragrant leaves. 3 ft. $\frac{1}{4}$ oz. 50c. \$0.15

DIANTHUS (Chinese or Indian Pinks). H.H.A. These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.

SINGLE ANNUAL PINKS.

heddewigi. Large, attractive flowers of most brilliant colors. Finest Mixed. $\frac{1}{4}$ oz. 50c. .10

laciniatus Single Mixed. Fringed flowers of all colors. $\frac{1}{4}$ oz. 50c. .10

DOUBLE ANNUAL PINKS.

chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest Mixed. $\frac{1}{4}$ oz. 50c. .10

diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed. $\frac{1}{4}$ oz. 50c. .10

heddewigi fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed. $\frac{1}{4}$ oz. 50c. .10

"Fireball." Large double, brilliant red. $\frac{1}{4}$ oz. 75c. .10

Pink Beauty (Heddewigi). A beautiful double pale pink annual variety. .25

laciniatus "Salmon Queen." Pkt.

Very striking double flowers, rich salmon scarlet. $\frac{1}{4}$ oz. \$1.00 \$0.15

laciniatus "Snowball." Extra large, double, pure white. $\frac{1}{4}$ oz. 75c. .10

lacinatus fl. pl. Double-fringed flowers; beautifully striped; many colors. Mixed. $\frac{1}{4}$ oz. 75c. .10

Collection of Double Annual Pinks. Six varieties. .50

HARDY PERENNIAL PINKS.

plumarius fl. pl. Pheasant-eye. Pretty, fringed double flowers. $\frac{1}{4}$ oz. 75c. .15

plumarius semperflorens (Perpetual Pink). Mixed, single and double. $\frac{1}{8}$ oz. \$1.00 .25

DIDISCUS caerulea (Blue Lace Flower). H.A. An attractive annual, blooming from July until frost. Pale lavender flowers, valuable for cutting. 18 in. $\frac{1}{8}$ oz. 50c. .15



Didiscus

DIGITALIS, or FOXGLOVE. H.P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half-shady places. 3 ft.

Marshall's Superb Purple. $\frac{1}{4}$ oz. 50c. .15

Marshall's Superb Rose. $\frac{1}{4}$ oz. 50c. .15

Marshall's Superb Yellow. $\frac{1}{4}$ oz. 50c. .15

Marshall's Superb White. $\frac{1}{4}$ oz. 50c. .15

Marshall's Superb Mixed. All colors. $\frac{1}{4}$ oz. 35c. .15

monstrosa, Mixed. Very large flowers. $\frac{1}{4}$ oz. 75c. .15

Giant Shirley Hybrids. These hybrids are very large in size and vigor, growing from 5 to 6 ft. $\frac{1}{8}$ oz. \$1.00 .25

Isabellina. A beautiful sulphur-yellow. .25

DIMORPHOTHECA aurantiaca. H.A. Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone. 18 in. $\frac{1}{4}$ oz. 75c. .15

aurantiaca hybrida. Mixed hybrids. $\frac{1}{4}$ oz. 50c. .15

eklonis. Large, star-shaped pure white flowers with a small, deep blue disc. 2 ft. .25

DOLICHOS or HYACINTH BEAN. H.A.C. Annual climbers with clusters of Bean-like flowers. 10 ft.

lablab, Mixed. Purple and white. .Oz. 40c. .10

DRACAENA indivisa. G.P. For vases, pots, etc.

Narrow green leaves. $\frac{1}{4}$ oz. 35c. .25

ECHINOCYSTIS lobata (Wild, or California Cucumber). H.A.C.

The fastest growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers. 20 ft. .Oz. 50c. .10

ECHINOPS ritro (Blue Globe-thistle. H.P. Purple. $\frac{1}{4}$ oz. 35c. .15

EDELWEISS (Leontopodium). H.P. Silvery white everlasting flowers, fine for rock gardens. 6 in. .25

EREMURUS (Gold Medal Hybrids). H.P. Stately plant with long spikes of flowers. 8 ft. .50

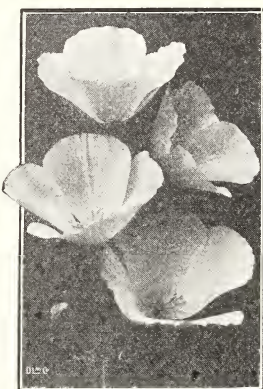
ERIGERON speciosus (The Midsummer Daisy). H.P. Pale mauve flowers with golden centers. Fine for cutting. 18 in. .15

ERYSIMUM arkanianum. H.A. Bright yellow flowers resembling the Wallflower. 18 in. .15

pulchellum. H.P. Pale yellow flowers. Useful for rockwork. 9 in. .15

- ERYNGIUM amethystinum** (Sea Holly). H.P. Spiny foliage and small, amethyst-blue flowers in large panicles. 3 ft. $\frac{1}{4}$ oz. \$1.00 \$0.15
- ERINUS alpinus**. H.P. Blue, beautiful for baskets. 6 in. .25
- ESCHSCHOLTZIA**, or **CALIFORNIA POPPY**. H.A. Very attractive annuals for beds, edgings, masses; profuse flowering, fine cut, glaucous foliage; in bloom from June to frost. 12 in.
- californica**. Bright yellow. $\frac{1}{4}$ oz. 30c. .10
- californica alba**. White. $\frac{1}{4}$ oz. 30c. .10
- Carmine King**. Beautiful deep red. $\frac{1}{4}$ oz. 35c. .10
- Chrome Queen**. A beautiful clear chrome yellow. $\frac{1}{4}$ oz. 75c. .15
- Crimson King**. Beautiful crimson scarlet. $\frac{1}{4}$ oz. 30c. .10
- Dainty Queen**. Blush-pink on cream ground. $\frac{1}{4}$ oz. 75c. \$0.15
- Golden West**. Large flowers of deep yellow shade. $\frac{1}{4}$ oz. 35c. .10
- Mandarin**. Large, scarlet, inside orange. $\frac{1}{4}$ oz. 35c. .10
- Rose Cardinal**. A distinct color. $\frac{1}{4}$ oz. 35c. .10
- Single Mixed**. All colors. Oz. 50c. .10
- The Geisha**. Petals prettily fluted. Color inside golden and outside intense orange-crimson. Very beautiful. $\frac{1}{4}$ oz. 50c. .15
- EUCALYPTUS globulus** (Blue Gum Tree). G.P. Used as greenhouse plant for decorations.15
- EUPATORIUM fraseri**. H.P. White, fine for cutting. 2 ft. $\frac{1}{4}$ oz. 50c. .15
- EUPHORBIA heterophylla** (Fire-on-the-mountain). H.A. Leaves large and glossy green, often tipped with orange-scarlet. 3 ft. $\frac{1}{4}$ oz. 50c. .15
- variegata** (Snow-on-the-mountain). White and green bracts, excellent for bouquets. 2 ft. $\frac{1}{4}$ oz. 35c. .10
- FERNS, Greenhouse Variety, Mixed**. G.P.25
- FORGET-ME-NOT**. (See **MYOSOTIS**.)
- FOXGLOVE**. (See **DIGITALIS**.)
- FOUR O'CLOCKS**. (See **MARVEL OF PERU**.)
- FRANCOA ramosa alba**. H.B. Elegant sprays of pure white flowers. 2 ft.25
- FREESIA, New Hybrids Mixed**. G.P. Shades of pink, red, violet, yellow, etc.25
- GAILLARDIA**. H.A. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes. 2 ft. **amblyodon**. Blood red. $\frac{1}{4}$ oz. 35c. \$0.10
- picta Mixed, Single**. Annual varieties. $\frac{1}{4}$ oz. 35c. .10
- lorenziana, Double Mixed**. $\frac{1}{4}$ oz. 35c. .10
- Giant Hybrids, Mixed**. Perennial. $\frac{1}{4}$ oz. 50c. .15
- Marshall's Matchless Hybrids**. H.P. A grand new improved strain; enormous flowers and very strong habit. $\frac{1}{4}$ oz. \$1.00 .25
- GALEGA officinalis**. H.P. A hardy plant producing a number of blue, miniature, pea-like flowers in sprays throughout the Summer. 3 ft. $\frac{1}{4}$ oz. 35c. .10
- officinalis alba**. White flowers. $\frac{1}{4}$ oz. 35c. .10

Pkt.



Eschscholtzia

Pkt.

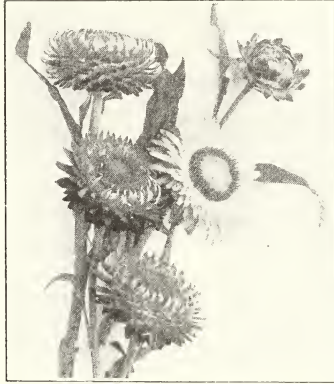
- GAURA lindheimeri**. H.P. Graceful spikes of rosy-white flowers. 3 ft. $\frac{1}{4}$ oz. 50c. \$0.15
- GERANIUM**. G.P. Well-known plants for garden or pot culture.
- zonale**. Finest Mixed.15
- GERBERA jamesoni hybrida** (The Transvaal Daisy). H.H.P. Fine for cut flowers or bouquets. 18 in. 100 seeds, \$1.00 .25
- GEUM**. H.P. Showy, hardy perennial of easy culture and well adapted for the flower garden; fine for cutting. 2 ft.
- atrosanguineum**. Large, double crimson flowers. $\frac{1}{4}$ oz. 50c. .15
- Lady Stratheden**. Double yellow.25
- Mrs. Bradshaw**. Double orange-scarlet flowers; very large and full. $\frac{1}{4}$ oz. 75c. .25
- Orange Queen**. A beautiful shade of orange.25
- GILIA capitata**. H.A. A very graceful annual with lavender-blue flowers. $\frac{1}{4}$ oz. 35c. .15
- GLOBE-AMARANTH (GOMPHRENA)**. H.A. Clover-like heads of flowers; esteemed as everlasting. 12 in.
- globosa alba**. White. $\frac{1}{4}$ oz. 35c. .10
- globosa rubra**. Purple. $\frac{1}{4}$ oz. 35c. .10
- globosa**. Mixed colors. $\frac{1}{4}$ oz. 35c. .10
- GLOXINIA**. G.P. Charming pot plants, flowering during Summer in the greenhouse or window.
- Marshall's Matchless**. Erect, giant-flowering, mixed. Saved from the very choicest erect flowering varieties in cultivation. A grand variety of colors.50
- GODETIA**. H.A. Bushy annual, with showy large flowers. They grow quickly, bloom abundantly and are excellent for beds and borders. The double varieties are splendid for cutting. 18 in.
- Brilliant**. Glowing carmine. $\frac{1}{4}$ oz. 35c. .10
- Double Rose**. A delicate rose-pink shade. $\frac{1}{4}$ oz. 50c. .10
- Duchess of Albany**. Satiny-white. $\frac{1}{4}$ oz. 35c. .10
- Gloriosa**. Compact, brilliant blood-red. $\frac{1}{4}$ oz. 35c. .10
- Rosy Morn**. A lovely coral-pink, very double flowers. $\frac{1}{4}$ oz. 75c. .10
- Finest Mixed Colors**. Oz. 60c. .10
- GOMPHRENA**. (See **GLOBE-AMARANTH**.)
- GOURDS**. H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds." 10 ft.
- Apple-shaped**. Small fruit, striped yellow and dark green. . Oz. 40c. .10
- Bottle-shaped**. Fruit yellowish-white and dark green. . Oz. 40c. .10
- Calabash, or African Pipe Gourd**. Oz. 50c. .10
- Dipper-shaped**. Oz. 40c. .10
- Dishcloth** (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. . Oz. 40c. .10
- Egg**. Fruit white, resembles eggs. . Oz. 40c. .10
- Hercules' Club**. Enormous fruit, often 4 ft. long, thicker at the base. Oz. 50c. .10
- Mock Orange, or Orange-shaped**. Oz. 50c. .10
- Pear-shaped**. Very pretty striped fruit. Oz. 50c. .10
- Sugar Trough**. Oz. 50c. .10
- Mixed Ornamental Varieties**. Oz. 40c. .10
- Collection of 10 Varieties of Gourds**.75



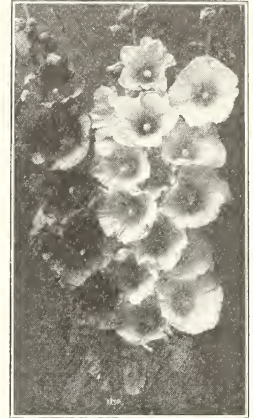
Gaillardia



Gypsophila



Helichrysum



Hollyhock

GRASSES, ORNAMENTAL. A most valuable Pkt.

- class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful, feather flower panicles, which are used in bouquets.
- Agrostis nebulosa.** H.A. Very graceful and pretty. 18 in. \$0.10
- Briza maxima** (Quaking Grass). H.A. Very pretty. 18 in.10
- Coix lachryma** (Jobs-tears). H.A. Foliage quite broad. Seeds prominent, very large and shiny. 3 ft.10
- Erianthus ravennae.** H.P. Silvery plumes, resembling Pampas Grass. 8 ft.10
- Eulalia zebrina.** H.P. White striped foliage, very ornamental. 4 ft. ¼ oz. 35c. .10
- Gynierium argenteum** (Pampas Grass). H.P. Beautiful silvery plumes. 10 ft. ¼ oz. 35c. .10
- Hordeum jubatum** (Squirrel-tail Grass). H.A. A pretty variety, with bushy panicles of flowers. 3 ft.10
- Pennisetum longistylum.** H.A. Annual grass, gracefully drooping heads. 2 ft. ¼ oz. 35c. .10
- Pennisetum ruppelianum.** H.P. Hardy perennial grass, growing 3 ft. high with violet-tinted silvery plumes. The deep green foliage is long and slender. ¼ oz. 35c. .10
- GREVILLEA robusta** (Silk Oak). G.P. With graceful foliage. 4 ft. ¼ oz. 50c. .10
- GYPHOPHILA** (Baby's Breath). H.A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.
- elegans alba grandiflora.** An improved large flowering, pure white form of the annual Baby's Breath. Oz. 50c. .10
- elegans carminea.** Carmine rose. Oz. 60c. .10
- rosea grandiflora.** Delicate rose. Oz. 60c. .10
- muralis.** Bright rose. ¼ oz. 35c. .10
- paniculata.** H.P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. ¼ oz. 50c. .10
- paniculata flore pleno.** H.P. A double-flowering variety, pure white. 2 ft.25
- HELENIUM.** H.P. Striking hardy plants, very useful for decorating.
- Riverton Gem.** Yellow, changing to red. Long stems. 5 ft.15
- HELIANTHUS.** (See **SUNFLOWER**).
- HELICHRYSUM, or STRAWFLOWER.** H.A. Large, double "everlasting" flowers. 2 ft.15
- monstrosum, Fire Ball.** Double red. ¼ oz. 50c. .15
- Golden Globe.** Double yellow. ¼ oz. 50c. .15
- Salmon.** ¼ oz. 50c. .15
- Silver Globe.** Glistening white. ¼ oz. 50c. .15
- Large Flowering, Double, Mixed Colors.** ¼ oz. 25c. .10

HELIOTROPE. G.P. Well-known fragrant flowering plants for pots or gardens.

- Marshall's Blue Perfection.** Dark blue. \$0.25
- Anna Tureil.** Light blue.15
- White Lady.** A popular white variety.15
- Finest Mixed.** ¼ oz. 40c. .15
- Lemoine's Giant Hybrids, Mixed.**15

HEUCHERA sanguinea splendens. H.P. Long

- spikes of fiery-red flowers. 18 in.25
- sanguinea hybrida.** H.P. Fine for borders, 18 in. Mixed colors.25

HIBISCUS. Showy plants of vigorous growth.

- africanus.** H.A. Yellow with black center. 18 in. ¼ oz. 25c. .10
- Marshall's Rainbow grandiflorus hybrids.** H.P. New giant-flowering Marshmallows. Very large flowers in various colors. 5 ft. ¼ oz. 50c. .15
- moscheutos** (Swamp Rose Mallow). H.P. Flowers of a light rosy-red, with dark center. 4 ft. ¼ oz. 50c. .15

HOLLYHOCKS. H.P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early Spring with Bordeaux mixture. 6 ft.**Marshall's Giant.**

- Double Apple Blossom.** ¼ oz. 50c. .15
- Pink Queen.** A pretty salmon pink. ¼ oz. \$1.00 .15
- Double Scarlet.** ¼ oz. 50c. .15
- Double Rose.** ¼ oz. 50c. .15
- Double Sulphur Yellow.** ¼ oz. 50c. .15
- Double White.** ¼ oz. 50c. .15
- Double Violet Purple.** ¼ oz. 50c. .15
- Double Fine Mixed.** ¼ oz. 50c. .15

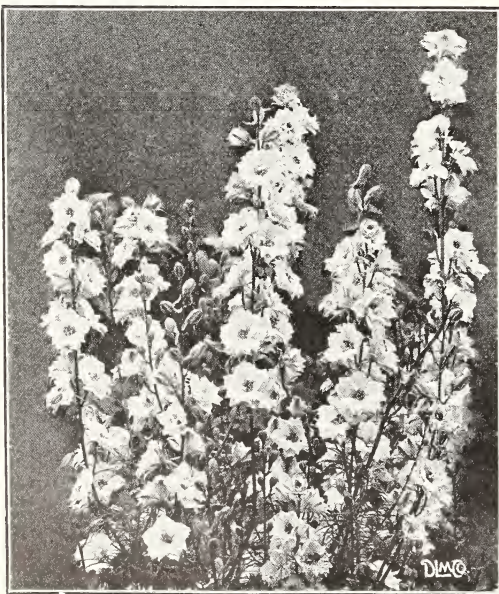
Chater's Extra Choice, Double Mixed Colors. ¼ oz. 75c. .15**Hybrid Everblooming, Double, Mixed.**

- Flowers the first season from seed. Very fine colors. ¼ oz. 50c. .15
- Collection of Double Hollyhocks, 6 colors.**75
- Marshall's Giant Single Pink.** ¼ oz. 75c. .15
- Single Red.** ¼ oz. 75c. .15
- Single Yellow.** ¼ oz. 75c. .15
- Single White.** ¼ oz. 75c. .15
- Single Mixed.** All colors. ¼ oz. 50c. .15
- Hybrid Everblooming, Single Mixed.** ¼ oz. 40c. .15

HONESTY. (See **LUNARIA biennis**).**HUMULUS japonicus** (Japanese Hop). H.A.C.

- A climber with dense green foliage; 20 ft. ¼ oz. 35c. .10
- japonicus fol. variegatus.** Variegated foliage. ¼ oz. 35c. .10

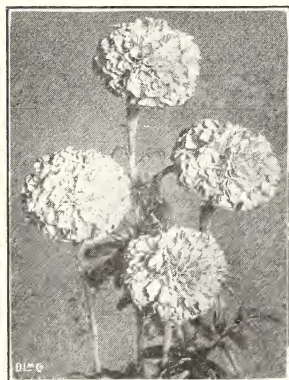
- HUNNEMANNIA tumariæfolia** (Giant Yellow Tulip Poppy). H.A. Flowers are tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. 2 ft. Pkt.
1/4 oz. 30c. \$0.10
- HYACINTH-BEAN.** (See **DOLICHOS.**)
- IBERIS.** (See **CANDYTUFT.**)
- ICE PLANT.** (See **MESEMBRYANTHEMUM CRYSTALLINUM.**)
- IMPATIENS** (Sultan's or Zanzibar Balsam). G.P. Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously. 2 ft. Pkt.
sultani. Flowers of brilliant rosy-scarlet color. .25
holsti Hybrids. Form strong, bushy plants covered with attractive flowers. As pot plants they bloom the year round. Choicest mixed colors.25
- INCARVILLEA delavayi.** H.P. The flowers are borne on long, stout stems, tube-shaped. Color bright rose. 2 ft. 1/8 oz. 75c. .25
- IONOPSIDIUM acaule.** H.H.P. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit. 4 in.15
- IPOMOEA, (Morning-glory.)** (See also **CONVOLVULUS.**) H.A.C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 ft.
- cardinalis (Carnolinal Flower). A rapid growing annual, with deep cardinal red flowers and lacinated foliage. 1/8 oz. 50c. .10
- grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening. 1/4 oz. 35c. .10
- rubro-caerulea (Heavenly Blue). Beautiful, sky-blue flowers. 1/4 oz. 35c. .10
- setosa (Brazilian Morning-glory). Large, ornamental foliage, with bright rose flowers. 1/4 oz. 30c. .10
- Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts. . Oz. 50c. .10
- quamoclit. (See **CYPRESS VINE.**)
- KENILWORTH IVY.** H.P. Neat, hardy climber, clinging to walls, etc. 6 ft. Pkt. \$0.15
- KOCHIA tricophylla** (Belvedere Summer Cypress, or Mexican Firebush). H.A. Grows in a perfectly pyramidal shaped cypress bush, with small, feathery, light-green foliage. Becomes a lovely crimson hue about September. 2 1/2 ft. 1/4 oz. 35c. .10
- KUDZU VINE** (Pueraria thunbergiana). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. 1/4 oz. 50c. .15
- LANTANA.** G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft. Newest hybrids, mixed. 1/4 oz. 50c. .15
- LATHYRUS latifolius, Perennial Sweet Pea.** H.P. Hardy climbers. Fine for cutting. 6 ft. latifolius. Purplish-red. 1/4 oz. 50c. .15
latifolius albus. Pure white. 1/4 oz. 50c. .15
White Pearl. A large flowering, robust growing variety of the above. 1/4 oz. \$1.00 .15
Pink Beauty. Rosy pink. 1/4 oz. 50c. .15
Finest Mixed. All colors. 1/4 oz. 30c. .15
- LARKSPUR.** H.A. Elegant and ornamental plants, producing in great variety of form some of the most beautiful flowers in cultivation.
- Marshall's Invincible Branching. Double flowers; excellent for cutting. Offered in the following choice of colors. 2 ft.
- Azure Blue. 1/4 oz. 50c. .15
Dark Blue. 1/4 oz. 50c. .15
Carmine. 1/4 oz. 50c. .15
Flesh Color. 1/4 oz. 50c. .15
Rose. 1/4 oz. 50c. .15
White. 1/4 oz. 50c. .15
Finest Mixed. 1/4 oz. 40c. .15
- Collection Invincible, Branching, 6 Varieties.75
- Newport Scarlet. Can be treated either as an annual or biennial. 1/4 oz. 60c. .15
- Dwarf Rocket. Finest colors. Fine for bedding. 12 in. 1/4 oz. 25c. .10
- Tall Rocket. Mixed. Long showy spikes. 1/4 oz. 25c. .10
- Perennial Larkspur. (See **Delphinium.**)
- LAVATERA splendens rosea** (Pink Mallow). H.A. Bushy plants, produce large, open, pink, mallow-like flowers in great profusion. 3 ft. 1/4 oz. 50c. .15
splendens alba. Large, glossy white flowers. 1/4 oz. 50c. .15
Finest Mixed Colors. 1/4 oz. 50c. .15
- LEMON VERBENA.** (See **VERBENA.**)
- LEPTOSYNE maritima.** H.A. Large lemon-yellow Marguerite-like flowers on tall stalks. 3 ft. 1/4 oz. 75c. .15
- LINARIA cymbalaria.** (See **KENILWORTH IVY.**)
- LINARIA.** H.A. Very showy annual resembling Snapdragon. Used extensively as a Winter cut flower in greenhouses. 1 ft.
- Choice Mixed Varieties.25
- LINUM.** H.A. Free flowering plants for borders. grandiflora rubrum. Single scarlet flowers. 12 in. 1/4 oz. 25c. .10
perenne. H.P. A lovely plant with blue flowers. 18 in. 1/4 oz. 35c. .10
- LUNARIA biennis** (Honesty). H.B. A curious plant grown for its peculiar, transparent seed pods, which are used as Winter decoration. 2 ft. 1/4 oz. 50c. .15



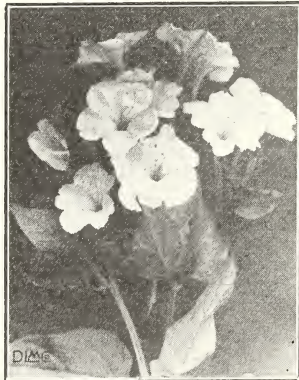
Larkspur, Marshall's Invincible



- LOBELIA.** H.H.A. Bushy plants, with pendant Pkt. branches; very profuse flowering. Fine for baskets or edging borders. 6 in.
- Marshall's Compact.** The finest dark blue Lobelia; the plants are compact, covered with a profusion of bloom. 1-16 oz. \$1.00 \$0.25
- erinus compacta, Crystal Palace.** Dark blue. 1/8 oz. \$1.00 .15
- Emperor.** Light blue. 1/8 oz. \$1.00 .15
- erinus speciosa.** Bright blue flowers. 1/8 oz. 50c. .15
- gracilis.** Blue flowers; trailing. 1/8 oz. 50c. .15
- Mixed Colors.** White, blue, rose, etc. 1/4 oz. 50c. .15
- tenuior** (Ramosa). Upright habit with large blue flowers; adapted for pots or borders. .25
- Perennial Varieties:**
- cardinalis** (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant. 3 ft. .50
- cardinalis Hybrids.** Splendid hybrids, mixed .50
- LOPHOSPERNUM scandens.** H.H.C. Dark rose. A rapid growing climber. .15
- LOVE-LIES-BLEEDING.** (See **AMARANTHUS.**)
- LOVE-IN-A-MIST.** (See **NIGELLA.**)
- LUPINUS.** Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.
- hartwegi Blue.** A delicate shade. 1/4 oz. 30c. .10
- White.** Splendid for cutting. 1/4 oz. 30c. .10
- roseus.** Rose. 1/4 oz. 30c. .10
- Tall Mixed, Annual Varieties.** .Oz. 50c. .10
- Perennial Varieties:**
- polyphyllus albus.** White. 1/4 oz. 35c. .15
- polyphyllus caerulea.** Blue. 1/4 oz. 35c. .15
- polyphyllus, Golden Spire.** Golden yellow .25
- polyphyllus roseus.** Rose. 1/4 oz. 50c. .15
- Snow Queen.** A grand variety; pure white. 1/4 oz. 75c. .15
- Mixed Perennial Varieties.** 1/4 oz. 25c. .15
- Marshall's Matchless Mixed.** Comprising a wonderful range of colors among perennial Lupines. 1/4 oz. \$1.00 .50
- LYCHNIS chalcidonica.** H.P. The old favorite Scarlet Lychnis. 18 in. 1/8 oz. 75c. .15
- arkwrighti.** Large brilliant flowers, color from orange-scarlet to soft salmon-pink. 1/4 oz. 50c. .15
- haageana Hybrids, Mixed Colors.** Bushy little plants. 12 in. 1/8 oz. 75c. .15
- MALOPE grandiflora.** H.A. Very showy border annual; large flowers. 2 ft.
- Mixed Colors.** 1/4 oz. 25c. .10
- MARIGOLD.** H.A. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.
- African Varieties.** Showy flowers. 3 ft.
- Marshall's Lemon Queen.** A charming shade. 1/4 oz. 60c. .15
- Marshall's Prince of Orange.** Beautiful Pkt. orange color. 1/4 oz. 60c. \$0.15
- Mixed Double.** 1/4 oz. 50c. .10
- Collection Double African.** Six colors separate. .50
- French Varieties.** Small flowers. 12 in.
- Dwarf Gold Striped.** Rich and quaintly striped double flowers. 1/4 oz. 50c. .10
- Legion of Honor.** Single yellow blooms, marked with red. 1/4 oz. 50c. .10
- Dwarf Mixed, Double.** 1/4 oz. 35c. .10
- Collection, Double French Dwarf.** Six colors separate. .50
- MARVEL OF PERU** (Four-o'Clocks). H.A. A well-known, handsome, free flowering garden favorite; does well everywhere. 2 ft. Mixed. Oz. 50c. .10
- MATHIOLA bicornis** (Evening Scented Stock). H.H.A. Very sweet-scented lilac flowers. 12 in. 1/4 oz. 35c. .10
- MATRICARIA** (Feverfew). H.H.P. Low growing plants; for beds and edgings. 12 in.
- capensis plena.** Dwarf double white. 1/4 oz. 50c. .10
- Golden Ball.** Very striking double golden-yellow flowers. 1/8 oz. \$1.00 .25
- Silver Ball.** Dainty double white, spherical flowers. 1-16 oz. \$1.00 .25
- MAURANDIA, Mixed Colors.** H.H.P. Tender climber. .15
- MESEMBRYANTHEMUM crystallinum** (Ice Plant). H.H.A. A dwarf trailing annual plant; flowers white. 6 in. 1/4 oz. 35c. .10
- MIGNONETTE, Large Flowering.** H.A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made, its fragrant, modest colored flowers may be gathered outdoors until November. 12 in.
- Allen's Defiance.** Full, round spikes of great length. 1/4 oz. 35c. .10
- Bismarck.** Improved Dwarf. Machtet variety. 1/4 oz. 35c. .10
- Crimson Giant.** Deep red flowers. 1/4 oz. 35c. .10
- Goliath.** Red; enormous spikes. 1/4 oz. 50c. .10
- Golden Queen.** Compact yellow flowers. 1/4 oz. 35c. .10
- Machtet, Dwarf.** Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. 9 in. 1/4 oz. 35c. .10
- Majesty.** Selected strain for pots or benches. 1-16 oz. \$1.00 .50
- New York Market.** The finest of all the fancy varieties of Mignonette for Winter forcing. 1-16 oz. \$1.00 .50
- Sweet-scented** (Reseda odorata grandiflora). The large flowering garden variety. Oz. 50c. .10
- MIMOSA pudica** (Sensitive Plant). H.H.A. An interesting plant with rosy-lilac flowers. The leaves close when touched. 12 in. 1/4 oz. 50c. .10



Marigold



Marvel of Peru



Mignonette



Nasturtium, Tall

MIMULUS. Showy, half-hardy annuals, with handsome flowers; excellent for pots or garden. 6 in. Pkt.

tigrinus, Spotted, Mixed. 1/4 oz. 50c. .15

moschatos (Muskplant). Fragrant; for pots. 1-16 oz. \$1.00 .15

MINA lobata. H.A.C. Rapid climber, crimson and orange flowers. 10 ft. .10

MIRABILIS. (See **MARVEL OF PERU.**)

MOMORDICA. H.A.C. Trailing plants, with curious foliage and fruit.

balsamina (Balsam-apple). Orange fruit. 1/4 oz. 25c. .10

charantia (Balsam-pear). Copper-colored scarlet fruit. 1/4 oz. 25c. .10

MOONFLOWERS. (See **IPOMOEA grandiflora.**)

MORNING-GLORIES. (See **IPOMOEA** and **CONVOLVULUS.**)

MUSK. (See **MIMULUS.**)

MYOSOTIS, or FORGET-ME-NOTS. H.H.P. Fine for edging or in beds.

Seed may be sown any time from Spring until Midsummer. 9 in.

alpestris, Blue. 1/4 oz. 50c. .15

alpestris, Mixed Colors. White, blue, pink, etc. 1/4 oz. 50c. .15

disitiflora. Blooms very early; flowers blue. 1/8 oz. \$1.00 .25

palustris semperflorens. The true water Forget-me-not. Blooms from early Spring until Autumn. Dark blue. 1/4 oz. \$1.00 .25

Marshall's Blue Bird. A very fine dark blue variety with long stems for Winter blooming. 1.00

Marshall's Royal Blue. Early and free flowering; color deep indigo blue.

Fine for borders or cutting. 1/8 oz. \$1.00 .25

robusta grandiflora, Eliza Fonrobert. Strong growing variety. 1/4 oz. 75c. .15

Ruth Fischer. Compact growth; blue flowers.50

Victoria. The plants are of dwarf, compact growth, with a multitude of bright blue flowers in dense umbels. 1/4 oz. \$1.00 .15

NASTURTIUM (*Tropaeolum nanum*). H.A. **Tom Thumb, or Dwarf Varieties.** These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season. 12 in. Pkt.

Aurora. Yellow-veined. Oz. 25c. \$0.10

Beauty. Yellow and scarlet. Oz. 25c. .10

Cloth of Gold. Scarlet, yellow foliage. Oz. 25c. .10

Empress of India. Crimson, dark foliage. Oz. 25c. .10

King Theodore. Garnet; dark foliage. Oz. 25c. .10

King of Tom Thumbs. Scarlet. Oz. 25c. .10

luteum. Bright yellow; no blotches. Oz. 25c. .10

Pearl. Creamy white. Oz. 25c. .10

Rose Color. Oz. 25c. .10

Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. Oz. 20c., 1/4 lb. 60c., lb. \$2.00 .10

Collection of 12 Varieties.60

NASTURTIUM (*Tropaeolum majus*). H.A.C.

Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers. 6 ft.

Chameleon. Various colors on Pkt. one plant. Oz. 25c. \$0.10

Dark Crimson. Oz. 25c. .10

King Theodore. Crimson; dark foliage. Oz. 25c. .10

Pearl. Creamy white. Oz. 25c. .10

Rose Von Moltke. Oz. 25c. .10

Scarlet. Oz. 25c. .10

Yellow. Oz. 25c. .10

Vesuvius. Salmon-rose. Oz. 25c. .10

Marshall's Tall Rainbow Mixture. From the best varieties

Oz. 20c., 1/4 lb. 60c., lb. \$2.00 .10

Collection of 12 varieties.60

LOBB'S NASTURTIIUMS (*Tropaeolum lobbianum*). H.A.C.

Very free blooming. The most brilliant colors, climbing about 6 ft. Excellent for window boxes, vases and hanging baskets. Pkt.

Lobb's Finest Mixture. Oz. 25c. \$0.10

Madame Gunther Hybrids. A French strain; noted for wide range of fine colors. Oz. 25c. .10

NEMESIA. H.A. Splendid for bedding or forcing in greenhouse.

strumosa grandiflora suttoni. Mixed colors. Bushy plants; flowers of unique form. 12 in. 1-16 oz. \$1.00 .25

compacta Blue Gem. Large flowers of a pretty Forget-me-not blue; a fine pot plant. 1-16 oz. \$1.00 .25

compacta Triumph. New dwarf, compact. 6 in. Finest mixture. 1-16 oz. \$1.00 .25

NEMOPHILA. H.A. Splendid, free flowering annual, with cup-shaped flowers of many bright colors. 12 in.

Mixed Colors. 1/4 oz. 25c. .10

NICOTIANA affinis. H.A. Fragrant, star-shaped white flowers. 3 ft. 1/4 oz. 35c. .10

affinis Hybrids. Large scented flowers, mixed shades, 1/4 oz. 50c. .10

Dwarf White. Adapted for pot work or borders, the sweet-scented flowers remain open all day. 18 in.25

sanderae Hybrids. All colors. 4 ft. 1/4 oz. 35c. .10

sylvestris. Large clusters of pure white flowers. 4 ft. 1/4 oz. 35c. .10

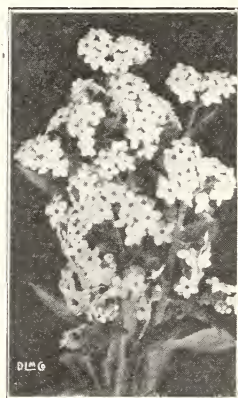
NIEREMBERGIA frutescens. H.H.P. For hanging baskets or borders; large, cup-shaped lilac flowers. 1/4 oz. 50c. .10

NIGELLA (Love-in-a-mist). H.A. Beautiful border plants. 18 in.

Miss Jekyll. A lovely variety with cornflower-blue blossoms; splendid for cutting. 1/4 oz. 35c. .10

Miss Jekyll, White. Valuable for borders and cutting. 1/4 oz. 35c. .10

Finest Mixed. Blue, white and purple. 1/4 oz. 30c. .10



Myosotis



Nigella



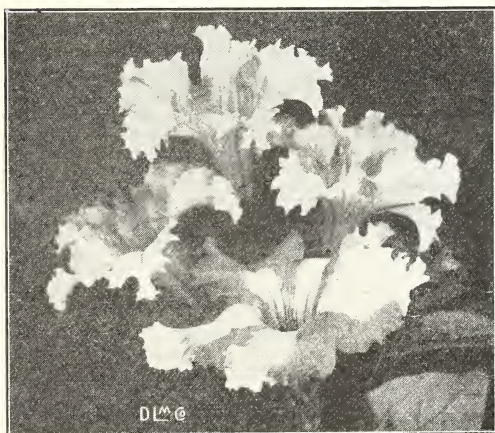
- OENOTHERA** (Evening Primrose). H.A. Useful for exposed sunny positions, blooming the entire Summer.
- Afterglow.** Yellow with brilliant red calyx flowers. 3 ft. \$0.15
- frazeri.** H.P. Produces an abundance of yellow flowers. 12 in.15
- Finest Mixed.** 1 ft. ¼ oz. 25c. .15
- PANSY.** H.H.P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.
- Marshall's Special Mixture.** Saved from only the largest and best shaped flowers of the richest colors. Fine for greenhouse flowering. 1-16 oz. \$3.00 1.00
- Marshall's Greenhouse Mixture.** A selection of varieties adapted for growing under glass. 1-16 oz. \$1.25 .50
- Marshall's Matchless Mixture.** This matchless strain consists entirely of the newest, best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest, selected flowers. ¼ oz. \$2.00 .50
- Marshall's Superb Giant Mixed.** A rich and most choicely varied mixture producing only the finest colors, largest flowers and beautiful forms. ¼ oz. \$1.50 .25
- Masterpiece.** A beautiful strain of blotched and curled varieties. ½ oz. 75c. .25
- Giant Trimardeau, Mixed.** Large flowers in a good variety of colors. ¼ oz. \$1.00 .10

GIANT PANSIES, In Varieties.

- Giant Adonis.** A beautiful light blue. ¼ oz. 75c. .15
- Giant Cardinal.** A very brilliant red. Pkt. ½ oz. 75c. \$0.15
- Giant Emperor.** Ultramarine blue. ½ oz. 75c. .15
- Giant Fire King.** Crimson-purple and golden yellow. ½ oz. 75c. .15
- Giant Golden Queen.** Beautiful pure yellow. ½ oz. 75c. .15
- Giant Golden Yellow, with dark eye.** ½ oz. 75c. .15
- Giant King of the Blacks.** ½ oz. 75c. .15
- Giant Lord Beaconsfield.** Violet, shaded white. ½ oz. 75c. .15
- Giant Orange King.** Vivid orange. ½ oz. \$1.00 .15
- Giant Prince Bismarck.** Light brown shade with black eye. ½ oz. 75c. .15
- Giant Snow Queen.** Pure white. ½ oz. 75c. .15
- Giant Striped.** Variety of markings. ½ oz. 75c. .15
- Giant Victoria.** Wine-red shades. ½ oz. 75c. .15
- Giant White, with black eye.** ½ oz. 75c. .15
- Collection of 6 Varieties, Giant Named.**75
- Collection of 12 Varieties, Giant Named.** ... 1.50

PAPAVER. (See **POPPIES.**)

- PASSIFLORA caerulea** (Passionflower). H.H.C. Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer. ¼ oz. 75c. .15



Petunia

Pkt.



Pansy

- PENTSTEMON.** H.P. Highly useful and attractive hardy perennials, and much used in the hardy border. 2 ft.
- gentianoides, Fine Mixed Colors.** ¼ oz. 75c. \$0.15
- gloxinioides "Sensation."** A grand variety of colors. Will bloom from seed in June if sown early in March.15
- Marshall's Matchless Hybrids.** A superb mixture of perennial sorts. 1-16 oz. \$1.00 .25
- PERILLA nankinensis.** H.A. Ornamental-leaved plants. 18 in. ¼ oz. 25c. .10
- PETUNIA.** H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in.
- Marshall's Double Giant, Fringed, Finest Mixed Hybrids.** An exceptionally fine strain, remarkable for the large, beautiful, colored double flowers.50
- Single Varieties:**
- Marshall's Superb Large-flowered Mixed** (California Giants). Magnificent flowers with throats beautifully veined.25
- Marshall's Superb Large-flowered Fringed, Mixed.** Flowers with fringed and frilled edges; distinct and beautiful.25
- Large-flowered, Finest Mixed.** Fine large flowers in superb mixture. 1-16 oz. \$1.50 .15
- Fine Mixed.** An assortment of medium-sized flowers; fine for bedding. ¼ oz. 50c. .10
- maculata, Striped and Blotched** (Imitable). Flowers quite large and handsomely striped and spotted. 12 in. ¼ oz. 50c. .10
- Adonis.** Very showy, fiery carmine, white throat, free blooming and compact growth. ½ oz. \$1.00 .15
- Balcony Blue.** Adapted for vases and window boxes.25
- Balcony Rose.**25
- Balcony White.**25
- General Dodds.** Fine dark red. ¼ oz. \$1.00 .15
- Howard's Star.** Crimson with white star. ½ oz. 50c. .10
- Marshall's Purple Bedder.** A beautiful purple bedding variety. 1-16 oz. \$1.00 .25
- Marshall's Violet Queen.** A grand Petunia for bedding, growing about 18 in. high and very free flowering.50
- Norma.** Blue with white star, compact habit, very showy. 1-16 oz. \$1.00 .25
- Rosy Morn.** Soft carmine pink. ¼ oz. 75c. .15
- Snowball.** Dwarf pure white; a fine bedding variety. ¼ oz. 50c. .15
- Snowstorm.** Pure white; large flowering.25

PHACELIA campanularia. H.A. Pkt.
Very showy, with bright blue
bell-shaped flowers. 9 in.
1/4 oz. 50c. \$0.10

PHLOX drummondii grandiflora.
H.A. Improved, large-flowering
strain of this famous garden
annual. It will grow and thrive
in any kind of soil if given a
sunny position, but prefers a
light, rich loam. Seed may be
sown in the open ground any
time after danger from frost is
past. 12 in.

Blood-Purple. 1/4 oz. 75c. .15

Brilliant Rose. 1/4 oz. 75c. .15

Chamois Rose. 1/4 oz. 75c. .15

Crimson. 1/4 oz. 75c. .15

Isabellina. Yellow or primrose. 1/4 oz. 75c. .15

Vivid Scarlet. 1/4 oz. 75c. .15

White. 1/4 oz. 75c. .15

stellata splendens. Starlike crimson. Pkt.
1/4 oz. 75c. \$0.15

Choicest Mixed. Contains a very large variety
of color. 1/4 oz. 50c. .10

PHLOX, Large-flowering, Dwarf Varieties.

Effective for beds or borders. 6 in.

nana compacta, Fireball. Bright red. 1/2 oz. \$1.00 .15

nana compacta, Snowball. Compact, pure
white. 1/2 oz. \$1.00 .15

nana compacta, Mixed

Colors. Star-shaped flower-
ers. 1/2 oz. \$1.00 .15

PHLOX, Hardy Perennial

decussata. Most brilliant

colored flowers in late

Summer and Fall. 3 ft.

1/4 oz. \$1.00 .15

PHYSALIS francheti (Chi-
nese Lantern). H.B.

Balloon-like fruits. 3 ft. .15

PHYSOSTEGIA (False-drag-
onhead). H.P. 3 ft.

virginica. One of the pretti-
est hardy perennials. It

forms dense bushes bearing

freely spikes of delicate

pink tubular flowers. 1/8 oz. 50c. .15

virginica alba. Pure white. 1/8 oz. 50c. .15

PINKS. (See **DIANTHUS**.)

PLATYCODON. H.P. (The large-flowering Chi-
nese Bellflowers. 2 ft.

grandiflorum. Large, steel-blue flowers. 1/8 oz. 50c. .15

album. Pure white variety. Pkt.
1/2 oz. 50c. \$0.15

mariesi. Dwarf, large-flowered
blue. 12 in. 1/8 oz. 50c. .15

POLEMONIUM coeruleum

grandiflorum (Jacobs-lad-
der). H.P. Deeply cut foliage

and clusters of handsome blue

flowers. 2 ft. 1/4 oz. \$1.00 .15

grandiflorum album. Pure
white. 1/4 oz. \$1.00 .15

POLYANTHUS (Primula elatior).

H.H.P. Desirable for green-
house flowering or bedding out

in the Spring. 9 in.

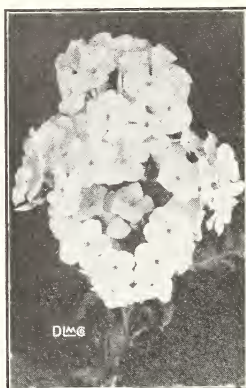
Marshall's Matchless Gold

Laced. Saved from the larg-
est flowers in a wide range of

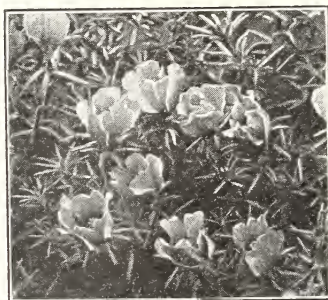
colors. .50

Munstead Giants. A magnifi-
cent strain of Bunch Primroses

in shades of yellow and white .50



Phlox, Drummondii



Portulaca



Poppy

PORTULACA. H.A. One of the Pkt.
freest flowering dwarf annuals,
especially adapted for sunny
locations. Flowers of the most
brilliant colors. 6 in.

Single Rose. 1/4 oz. 50c. \$0.10

Single Scarlet. 1/4 oz. 50c. .10

Single White. 1/4 oz. 50c. .10

Single Yellow. 1/4 oz. 50c. .10

Single Mixed. All colors. 1/4 oz. 35c. .10

Double Large Flowering. Will
produce a large percentage of
double flowers in many colors.

Finest Mixed. 1/4 oz. \$1.25 .15

POPPIES. Showy, free blooming,
old-fashioned flowers. Very
effective in mixed borders.

Single Annual Varieties, 12-in.:

glaucom (The Scarlet Tulip
Poppy). 1/4 oz. 35c. .10

King Edward. Free flowering,
beautiful scarlet. 1/4 oz. 35c. .10

Miss Sherwood. Flowers satiny-white and
chamois-rose. 1/4 oz. 30c. .10

Marshall's Extra Selected Shirley. A grand
variety of colors, saved from selected flowers.

Their brilliant, dazzling coloring and wonder-
ful variety make a very effective display in the
garden or for cut flowers. 1/4 oz. 35c. .10

American Legion. Brilliant orange-scarlet, yel-
low anthers. Should be grown extensively for
Poppy Day. 1/4 oz. 50c. .10

Rose Pink Shirley. A beau-
tiful pink variety. 1/4 oz. 50c. .10

The Bride. A beautiful va-
riety with large, pure white
flowers. 1/4 oz. 30c. .10

Virginia. Flowers white,
edged soft pink; fringed. 1/4 oz. 30c. .10

Single Mixed Poppies. All
kinds. 1/4 oz. 25c. .10

Double Annual Varieties:

American Flag. White,
edged red. 1/4 oz. 25c. .10

Carnation-flowered. Mixed
colors. 1/4 oz. 25c. .10

Eldorado Double Mixed.

[A double form of Shirley Poppy, in choice
mixture. 1/4 oz. 35c. .10

Mikado. White, edged scarlet. 1/4 oz. 25c. .10

Paeony-flowered. Mixed colors. 1/4 oz. 25c. .10

White Swan. Large, beautifully fringed white
flowers. 1/4 oz. 25c. .10

Hardy Perennial Varieties:

bracteatum. Orange-scarlet
hardy Poppy. 1/4 oz. 25c. .10

Iceland Poppies. While these
are hardy perennials, they
flower the first year from
seed, blooming almost as
quickly as the annual sorts.
12 in.

nudicaule (Iceland Poppy).
Dwarf, bright yellow. 1/4 oz. 50c. .15

nudicaule aurantiacum. Or-
ange. 1/4 oz. 50c. .15

nudicaule album. Pure white.
1/4 oz. 50c. .15

nudicaule Mixed Iceland

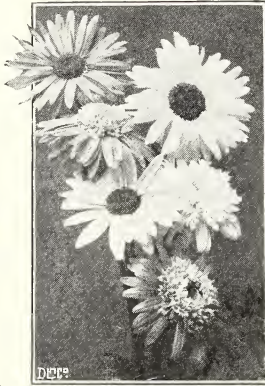
Poppies. 1/4 oz. 50c. .15

Orbital Poppies, Mixed Hy-

brids. 3 ft. Finest shades.
1/4 oz. 50c. .15



- POTENTILLA.** H.P. Splendid hardy perennials with ornamental foliage and brilliant flowers in shades of yellow and red from June to August. 2 ft.
- Single Mixed.** Various shades of yellow and brown. \$0.15
- Double Hybrids, Mixed.**25
- PRIMULA sinensis fimbriata** (Chinese Primrose). G.P. A charming profuse flowering plant indispensable for Winter and Spring decoration.
- Marshall's Giant.** Deep blue.50
- Marshall's Giant.** Pure white.50
- Marshall's Giant.** Salmon.50
- Marshall's Giant.** Scarlet.50
- Marshall's Giant.** Matchless Mixed.50
- PRIMULA obconica.** One of the most useful greenhouse plants.
- obconica gigantea alba.** White.50
- obconica gigantea lilacina.** Lilac.50
- obconica gigantea kermesina.** Crimson.50
- obconica gigantea rosea.** Rose.50
- obconica gigantea, Finest Mixed.**50
- Eureka.** A new giant form of obconica. Rich rosy carmine, shaded cerise, a clear yellow eye. 1.00
- PRIMULA malacoides.** A charming free flowering pot plant; delicate lilac. Pkt. \$0.25
- malacoides alba.** Pure white. \$0.25
- malacoides rosea.** Charming rose-pink.25
- malacoides superba.** Larger flowers and much deeper in color than malacoides.25
- malacoides robusta.** A clear rosy-lavender shade with yellow eye.25
- malacoides Pink Beauty.** Large flowers of a beautiful rosy-pink, shading to mauve.50
- kewensis.** Bright yellow, fragrant flowers.50
- stellata** (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.25
- Hardy Primulas or Primroses:**
- beesiana.** Very free flowering. Glowing velvety-purple with yellow eye.25
- japonica** (Japanese Primrose). Mixed colors.25
- PRIMROSE, Marshall's New Blue.** H.P. Pkt. Many shades of blue to deep violet. \$0.50
- vulgaris.** English yellow Primrose. 1/8 oz. \$1.00 .25
- vulgaris Hybrids.** Very choice hybrids of the English Yellow Primrose.25
- PYRETHRUM.** H.H.P. Fine for edging and borders. 6 in.
- aureum Golden Feather.** Bright yellow foliage. 1/4 oz. 50c. .10
- aureum Golden Gem.** 1/4 oz. 50c. .10
- hybridum.** H.P. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall. 18 in.
- Single.** Large-flowering, mixed colors. 1/4 oz. \$1.00 .15
- hybridum fl. pl., Double.** Large-flowering, beautiful colors. 1/8 oz. \$2.00 .25
- REHMANNIA angulata.** H.H.P. Flowers rose-purple with spotted throat. 3 ft.25
- RHODANTHE** (Swan-river Everlasting). H.A. Handsome pink and white, annual everlasting, excellent for bouquets of dried flowers. 1 ft.
- maculata.** Rose with dark center. 1/4 oz. 35c. .10
- maculata alba.** Pure white. 1/4 oz. 35c. .10
- Finest Mixed.** 1/4 oz. 35c. .10
- RICINUS** (Castor Oil Plant). H.A. From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost. 6 ft.
- cambogensis.** Maroon foliage. Oz. 35c. .10
- gibsoni.** Purplish leaves and stems. . . Oz. 35c. .10
- Ricinus—Continued**
- panormitans.** Large dark brown leaves, blue powdered stems, upright habit. . . . Oz. 35c. \$0.10
- sanguineus.** Red stems. Oz. 35c. .10
- zanzibarensis, Mixed.** Immense leaves. 8 ft. Oz. 35c. .10
- Mixed Varieties.** Oz. 25c. .10
- ROCKET, SWEET** (Hesperis). H.P. A very interesting, useful and free-flowering plant. 18 in.
- Purple.** Beautiful purple color. . . . 1/4 oz. 35c. .10
- White.** Flowers rose white. 1/4 oz. 35c. .10
- Finest Mixed Colors.** 1/4 oz. 35c. .10
- ROMNEYA coulteri** (The California Tree Poppy). H.H.P. Large, snowy white flowers. Requires protection in Winter. 2 ft.25
- RUDBECKIA bicolor superba.** H.A. Yellow flowers. 2 ft. 1/4 oz. 50c. .15
- newmanni.** H.P. Bright orange with black cone. 2 ft.15
- purpurea hybrida grandiflora.** H.P. Beautiful large-flowered hybrids. 2 ft.15
- SALPIGLOSSIS.** H.A. One of the prettiest annuals, of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture, with orchid-like flowers from early Summer until late Fall. 2 ft.
- Marshall's Matchless Varieties:**
- Chamois.** 1/8 oz. 50c. .15
- Golden Yellow.** 1/8 oz. 50c. .15
- Scarlet.** 1/8 oz. 50c. .15
- Rose and Gold.** 1/8 oz. 50c. .15
- Scarlet and Gold.** 1/8 oz. 50c. .15
- Violet.** 1/8 oz. 50c. .15
- Violet and Gold.** 1/8 oz. 50c. .15
- Yellow and White.** 1/8 oz. 50c. .15
- Matchless Mixture.** All colors. 1/4 oz. 75c. .15
- Large Flowering.** Mixed colors. 1/4 oz. 35c. .10
- Collection of 6 Separate Colors.**75
- SALVIA** (Flowering Sage). H.A. One of our most handsome Summer and Autumn-flowering plants, growing into compact bushes 2 to 3 ft. high and literally ablaze with brilliant flowers.
- azurea grandiflora.** H.P. Pretty sky-blue flowers in August and Sept. 4 ft. 1/8 oz. \$1.00 .25
- America, or Globe of Fire.** The earliest, freest and most continuous bloomer. . . 1/8 oz. \$1.00 .25
- Blue Beard** (Clary). Elegant plant with showy spikes of bright purple flowers. . . 1/4 oz. 35c. .10
- Bonfire.** A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. 1/8 oz. 75c. .15
- farinacea.** H.H.P. Light blue flowers, long spikes. 1/8 oz. 75c. .25
- Harbinger, Early Flowering.** A dwarf variety which will come into flower in early Summer. Spikes of dazzling bright scarlet flowers. 1 ft.25
- Ostrich Plume.** The plants are well covered with brilliant scarlet plumes of flowers. . . . 1/8 oz. \$1.00 .15
- splendens grandiflora** (Scarlet Sage). A rich flowered bedder. 1/4 oz. \$1.00 .10
- Summer-flowering Fireball.** A brilliant scarlet variety that will come into flower in July. 2 ft.25
- Zurich.** Early flowering; color brilliant scarlet. 12 in. 1-16 oz. 75c. .25
- patens.** H.H.P. Magnificent blue flowers. . . 1/8 oz. \$1.50 .25
- SANVITALIA procumbens fl. pl.** H.A. Pretty bright double yellow flowers. 6 in. 1/4 oz. 50c. .10
- SAPONARIA calabrica.** Dwarf annual with pink starry flowers. 2 ft. 1/4 oz. 35c. .10
- vaccaria.** Graceful sprays of pale rose flowers. Also used as a greenhouse pot plant. 2 ft. 1/4 oz. 35c. .10



Pyrethrum



Scabiosa, Peach Blossom

SCABIOSA, or MOURNING BRIDE. H.A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2½ ft. Pkt.

Large-flowering Tall Double Varieties:

Cherry Red.....	¼ oz. 40c.	\$0.10
Fiery Scarlet.....	¼ oz. 40c.	.10
King of the Blacks. Deep purple-black...	¼ oz. 40c.	.10
Lavender Blue.....	¼ oz. 40c.	.10
Peach Blossom. A beautiful shade of peach blossom pink, of large size and long stems. An excellent cut flower.....	¼ oz. \$1.00	.25
Rose Pink.....	¼ oz. 40c.	.10
Pure White.....	¼ oz. 40c.	.10
Finest Mixed. All colors.....	¼ oz. 35c.	.10
Dwarf Double. Many colors mixed.....	¼ oz. 35c.	.10

Perennial Varieties:

caucasica alba. Delicate white flowers. 2 ft.	⅛ oz. 75c.	.25
caucasica. Silvery lavender-blue.....	⅛ oz. 75c.	.25

SCHIZANTHUS (Butterflyflower). H.H.A. Beautiful and showy, erect growing, hardy annuals for house or garden; very free-flowering, continuing through the Summer and Autumn. 1½ ft.

Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture.....

grahami. Free flowering red variety.....

hybridus grandiflorus, Finest Mixed. Very choice.....

Pink Beauty. Flowers an exquisite shade of rose-pink. Fine for pot plants.....

retusus. Beautiful red and yellow flowers.....

retusus albus. White blotched with golden yellow.....

wisetonsensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye to rose with bronze center. Fine for pots.....

wisetonsensis compacta, Mixed. Beautiful and varied colors.....

wisetonsensis Snowflake. Pure white flowers, beautifully fringed.....

SENECIO elegans fl. pl. (Jacobaea). H.A. Free flowering pretty annual. Mixed colors. 18 in.

SENSITIVE PLANT. (See MIMOSA pudica.)

SHAMROCK. G.P. True small-leaved variety. ¼ oz. 50c. \$0.15

SIDALCEA, Stark's Hybrids. H.P. A hardy border plant. All shades from bluish, pink, rose, carmine and crimson. 2 to 4 ft.....

SILENE (Catchfly). Very pretty and profuse blooming plants.

compacta. H.A. Double. Mixed colors. 2 ft. ¼ oz. 35c. .10

orientalis. H.P. Large, globular heads of bright rose flowers, which are clove-scented. Useful for cutting. 2 ft.....

SMILAX (Myrsiphyllum asparagoides). G.P. Popular greenhouse climber with small dark green foliage.....

SNAPDRAGON. (See ANTIRRHINUM.)

SOLANUM capsicastrum nanum (Jerusalem Cherry). G.P. Ornamental plant for Winter decoration, with bright scarlet berries.....

Cleveland. Valuable as a pot plant. Brilliant red fruit.....

STATICE. H.A. Beautiful free-flowering plants adapted for beds or borders. The flowers, when dried, make pretty decorations for Winter use. 1½ to 2 ft.

bonduelli. Bright yellow flowers.....

sinensis. Very graceful plant; flowers pure white with canary yellow.....

sinuata Blue. A light shade of blue.....

sinuata candidissima. Pure white.....

sinuata rosea superba. Fine bright rose.....

sinuata True Blue. Fine deep blue.....

sinuata hybrida Mixed. Flowers mauve, purple, white and yellow.....

suworowi. Flowers bright rosy color; fine for Winter decorations.....

incana hybrida nana Mixed. H.P. A charming variety of Sea-lavender. Fine for bouquets.....

latifolia. H.P. Lavender-blue flowers.....

perezi. H.H.P. A beautiful bright blue. Adapted for borders and greenhouse forcing. 1½ ft.....

STEVIA serrata. G.P. A greenhouse plant with fragrant, tiny white flowers; exceedingly valuable for cutting. 2 ft.....

STOKESIA cyanea. H.P. Lavender-blue flowers. 2 ft.....

cyanea alba. A pure white flowering form.....

Finest Mixed. A mixture of pink, purple, blue and white shades.....



Statice sinuata

STOCKS (Gilliflower). H.A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut flowers.

Marshall's Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.

Chamoise Rose	1/8 oz.	\$1.00	\$0.25
Dark Blue	1/8 oz.	\$1.00	.25
Crimson	1/8 oz.	\$1.00	.25
Flesh Color	1/8 oz.	\$1.00	.25
Light Blue	1/8 oz.	\$1.00	.25
Pure White	1/8 oz.	\$1.00	.25
Rose	1/8 oz.	\$1.00	.25
Scarlet	1/8 oz.	\$1.00	.25
Yellow	1/8 oz.	\$1.00	.25

Finest Mixed. All Colors	1/8 oz.	\$1.00	\$0.25
Collection of Six Colors			1.25
Collection of Nine Colors			2.00
Large Flowering Ten-Weeks, Mixed Colors.	1/8 oz.	75c.	.10

Winter Flowering Stocks: Pkt.

Cut-and-come-again, Princess Alice. Double white.	\$0.25
Beauty of Nice. Splendid rose color	.25
Crimson King. Brilliant fiery crimson	.25
Empress Elizabeth. Carmine-rose	.25
Giant Abundance. Carmine-rose	.25
Mont Blanc. Pure white	.25
Queen Alexandra. Delicate rosy lilac	.25
Summer Night. Deep blue	.25
White Lady. Large, double, snow-white	.25
Yellow, Monte Carlo. Clear yellow	.25
Any of the above varieties,	1/8 oz. \$1.25

East Lothian. Valuable for beds or borders and for greenhouses during the Winter months. For early Summer flowering, the seed should be sown in the Fall and plants wintered over in frames.

Finest Mixed	1-16 oz.	\$1.00	\$0.25
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STREPTOCARPUS. Handsome greenhouse perennial, with Achimene-like flowers in clusters on slender stems. Treatment same as for Gloxinia.

Choice Mixed Hybrids. Pkt. \$0.50

SUNFLOWER. H.A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

Double Californian. Deep yellow. 5 ft. 1/2 oz. 50c. .10

Single Russian. Enormous flowers. 6 ft. 1/2 oz. 30c. .10

Double Globe-shaped. Orange. 5 ft. 1/2 oz. 35c. .10

Chrysanthemum-flowered. Rich golden yellow flowers. 5 ft. 1/2 oz. 60c. .10

cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small single flowers. 3 ft. 1/4 oz. 25c. .10

Pkt.



Stock

SWEET SULTAN. (See CEN TAUREA.)

SWEET PEAS. (See pages 47 and 48.)

SWEET ROCKET. (See ROCKET.)

SWEET-WILLIAM (*Dianthus barbatus*). H.B.

Showy, hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers. 1 1/2 ft.

Double-flowering, Mixed. 1/4 oz. 50c. .10

Single-flowering. Dark crimson. 1/4 oz. 50c. .10

Carmine Beauty. A charming shade of color. 1/4 oz. 75c. .10

Diadem. A deep rich crimson, with white eye. 1/4 oz. 40c. .10

Giant White. A fine type of self-colored white. 1/4 oz. 75c. .10

Newport Pink. Salmon rose-pink flowers borne on long stems. 1/4 oz. 75c. .10

Pink Beauty. Very free flowering. 1/4 oz. 75c. .10

Scarlet Beauty. Intensely rich deep scarlet. 1/4 oz. \$1.00 .10

Single-flowering, Finest Mixed Colors. 1/4 oz. 25c. .10

Single Annual Mixed. Flowers of good size. Will bloom the first year. 12 in. 1/4 oz. 50c. .10

Collection of Sweet-william. Six varieties. .50

TAGETES signata pumila. H.A. A dwarf, bushy Marigold, with golden yellow flowers.

THUNBERGIA. H.A.C. Beautiful, rapid-growing climbers. 5 ft.

Finest Mixed. 1/4 oz. 50c. .10

TORENIA. H.H.A. Tender trailing plants for vases or baskets. 12 in.

fournieri. Velvety blue. .25

"The Bride." White and rose. .25

THALICTRUM. H.H.P. Graceful plants resembling Maidenhair ferns. Extensively used for bouquets.

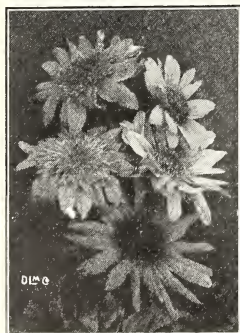
adiantifolium. Yellow flowers. 1 ft. .25

dipterocephalum. Rosy-purple with citron-yellow anthers. 3 ft. .25

TRACHELIUM coeruleum. G.P. A free-flowering plant with cloud-like heads of mauve flowers. 1 1/2 ft. .25



Sweet-William



Sunflower

- TRITOMA.** H.H.P. Often called the Flameflower, useful for borders and cutting. Plants should be well protected in Winter. 3 ft. **hybrida Mixed.** Red and orange colors. \$0.25
semperflorens. Orange-red.15
Stark's Early Hybrids. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons.25
TROLLIUS (Globeflower). Charming Spring-flowering, hardy perennials with large, globular, Buttercup-like flowers varying in color from creamy white to orange. 2 ft. **Orange Globe Hybrids.** Newest large-flowering varieties.25
TROPAEOLUM lobbianum. (See **NASTURTIUM.**)
VALERIAN, Red. H.P. Showy, hardy plant for the garden and rockery. 2 ft.10
VERBENA. H.A. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in. **grandiflora erecta Royal Bouquet.** A valuable decorative plant for bedding or growing in pots. Mixed colors. \$0.25
Helen Willmott. A very pretty bright salmon-rose, with white eye.15
Mammoth candidissima. Large trusses of white flowers.15
Mammoth coerulea. Bright blue and purple in various shades.15
Mammoth Lucifer. Intense brilliant scarlet with no eye.15
Mammoth Mayflower. A beautiful pink variety.15
Mammoth Yellow. Primrose color.15
hybrida gigantea Mixed. A greatly improved strain producing giant florets in many colors. \$1.00
Mammoth Finest Mixed. Extra choice.10
Lemon Verbena (Aloysia citri-odora). Scented leaves. \$0.15
venosa. Purple flowers. Blooms the first year from seeds.15
VERBASCUM Miss Willmott. H.P. A lovely hardy plant with large, ivory-white spikes of flowers. 5 ft.50
phoeniceum. H.P. Long, slender stems with numerous flowers in various colors, including white, pink, blue, mauve and purple. 12 in.15
VERONICA H.P. Splendid, hardy perennials with showy spikes of bright-colored flowers; fine border plant. 1½ to 2 ft. **spicata Blue.** Bright blue.15
VINCA. H.H.P. Splendid, free flowering plants, much used for bedding and edging; glossy, dark-green foliage and pretty pink and white flowers. They are free blooming and one of the most satisfactory flowering bedding plants we have. 2 ft.



Verbena



Wallflower, Double

- VINCA**—Continued
alba pura. Pure white.10
alba rosea. White, crimson eye.10
delicata. A beautiful soft rose color.10
rosea. Rose, dark eye.10
Mixed.10
VIOLA, Bedding Varieties. H.H.P. Large flowering, self colors. 6 in. **Mixed.** From best named Scotch varieties. ½ oz. \$1.00 .25
VIOLA, Tufted Pansies. H.H.P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering. 6 in. **Admiration.** Soft purple, dark blotched.15
Haslemere. A distinct variety with rosy-lilac flowers.25
Jersey Gem. The flowers are a pleasing shade of deep violet-blue.50
lutea grandiflora. Orange.15
Mauve Queen. Pretty mauve.15
White Perfection. The best white.15
Finest Mixed. All colors.15
VIOLET, Viola odorata. H.P. Sweet-scented Violet, blue. 6 in.25
VISCARIA. H.A. Showy and profuse blooming plants, very effective in small beds or borders. **Blue Gem.** Light ultramarine blue. 6 in.25
Rosy Gem. Bright carmine rose. 6 in.25
Finest Mixed.10
WALLFLOWER. H.H.P. Well known, deliciously fragrant, half-hardy perennials, blooming early in the Spring with spikes of beautiful flowers. They should be protected in a coldframe in the Winter, and planted out in April. 12 in. **allioni** (Alpine Wallflower). (See **CHEIR-ANTHUS.**) **kewensis.** Very fragrant, sulphur-yellow flowers, passing to orange-yellow or purple-violet. Fine for Winter flowering in greenhouse.15
Single Fine Mixed. Hardy varieties.10
Double Fine Mixed. Hardy varieties.25
Annual Varieties. If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing. **Early Wonder.** A new double annual flowering. Mixed colors.50
Early Paris Market. Bright brown.15
Blood-red.15
Fine Mixed.10
WILD CUCUMBER. (See **ECHINOCYSTIS.**)
XERANTHEMUM. H.A. Showy, hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlasting. 1½ to 2 ft. **Double Mixed.**10

Ask for our Cultural Directions for Annuals and Perennials when ordering Flower Seeds.



ZINNIAS (Youth and Old Age). H.A. These well-known garden favorites are one of the most brilliant Summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.

Matchless, Double Tall Varieties.

Double, Crimson	$\frac{1}{4}$ oz. 75c.	\$0.15
Double, Lavender	$\frac{1}{4}$ oz. 75c.	.15
Double, Purple	$\frac{1}{4}$ oz. 75c.	.15
Double, Rose	$\frac{1}{4}$ oz. 75c.	.15
Double, Scarlet	$\frac{1}{4}$ oz. 75c.	.15
Double, White	$\frac{1}{4}$ oz. 75c.	.15
Double, Yellow	$\frac{1}{4}$ oz. 75c.	.15
Double, Fine Mixed	$\frac{1}{4}$ oz. 60c.	.15
Collection of Six Colors, Matchless Double Varieties.....		.75

Achievement. It is distinct from other Zinnias by the shape of its petals, which are tubular at the base and expand in a Cactus-like form at the tips. Very large flowers in various shades. $\frac{1}{4}$ oz. 60c. .15

Giant Dahlia-flowered. These are similar to the Double Dahlia in size and shape of flowers. 2 $\frac{1}{2}$ ft.

Buttercup. Deep creamy-yellow.25

Crimson Monarch. Largest of the red shades.25

Dream. Deep lavender, turning to purple.25

Exquisite. Light rose, with center a deep rose.25

Golden State. A very rich orange-yellow.25

Oriole. An immense orange and gold bicolor.25

Polar Bear. A very large pure white.25

Scarlet Flame. A large, beautiful bright scarlet.25

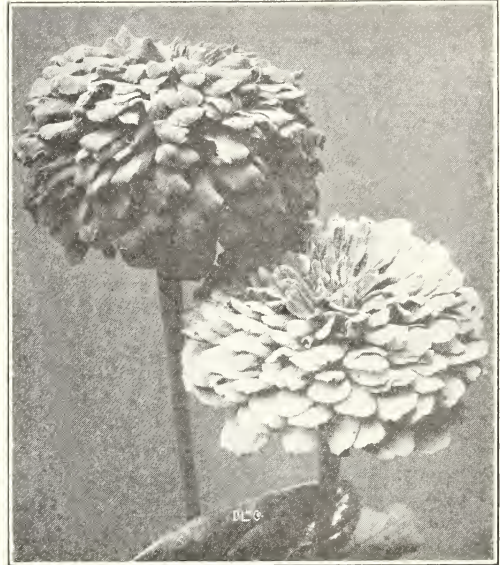
Dahlia-flowered Mixed..... .25

Any of the above varieties, $\frac{1}{8}$ oz. \$1.00

Collection of 8 varieties..... 1.75

haageana "Perfection." Small, double flowers in many colors, makes a beautiful border. 9 in. Finest mixed.... $\frac{1}{8}$ oz. \$1.00 .25

Pkt.



Zinnia, Matchless Double

Tall Double Mixed. Very double; a fine Pkt. strain..... $\frac{1}{4}$ oz. 50c. \$0.10

Dwarf Double Varieties. Height 1 ft.*

Dwarf Golden Yellow..... $\frac{1}{4}$ oz. 50c. .10

Dwarf Salmon Rose. A good bedder..... $\frac{1}{4}$ oz. 50c. .10

Dwarf Scarlet Gem. Fine for bedding..... $\frac{1}{4}$ oz. 50c. .10

Dwarf. Double mixed. Large flowering.... $\frac{1}{4}$ oz. 35c. .10

WILD GARDEN FLOWER SEEDS

This mixture contains over 100 varieties of the oddest and choicest annuals imaginable. For naturalizing purposes or sowing broadcast, nothing approaches wild garden flower seeds for effect and cheapness. No care is necessary, and a never-ending succession of bloom and fragrance can be obtained throughout the entire Summer and Fall. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Marshall's Early or Winter-Flowering Sweet Peas

The following varieties are a selection of the best Winter flowering varieties. They are also suitable for outside planting.

	$\frac{1}{4}$ oz.	Oz.		$\frac{1}{4}$ oz.	Oz.
Aviator. Dazzling crimson scarlet.....	\$0.35	\$1.00	Sunburst. An attractive shade of rich salmon-pink, overlaid with amber and salmon.....	\$0.35	\$1.00
Canary Bird. A splendid cream of primrose colored self.....	.35	1.00	Superior Pink. A beautiful rose pink, very slightly shaded with salmon.....	Pkt. 25c.	1.50 3.50
Chevalier. True rose color.....	.35	1.00	True Blue. A charming shade of true or light violet-blue.....	.50	1.00
Columbia. Salmon rose, standard white wings.....	.35	1.00	Vulcan. The most vivid scarlet.....	.35	1.00
Early Hercules. A mammoth rosy pink.....	.35	1.00	White Star. A first-class black-seeded white.....	.50	1.00
Harmony. Clear lavender.....	.35	1.00	Yarrowa. The finest pink forcer.....	.35	1.00
Lavender King. Lavender. True color.....	.35	1.00	Zvolanek's Blue. A very bright blue....	.35	1.00
Loveliness. White, edged rose-pink....	.35	1.00	Zvolanek's Orange. Orange-pink.....	.35	1.00
Mauve Beauty. Rosy mauve, beautifully waved, four flowers on stem.....	.35	1.00	Zvolanek's Rose. A beautiful self, rose color.....	.50	1.50
Morning Star. A deep orange-scarlet, with rich orange-pink wings.....	.35	1.00	Early Flowering Mixed.....	.35	1.00
Mrs. A. A. Skaach. A beautiful bright pink self.....	.35	1.00	Each of the above varieties, pkt. 15c.		
Mrs. Kerr. A very large salmon.....	.50	1.50	CUPID, or DWARF SWEET PEAS		
Mrs. Warren G. Harding. A beautiful shade of silvery blue.....	.50	1.50	These grow about 9 inches high and are adapted for borders or beds.		
New Blue. A splendid deep blue.....	.50	1.50	Finest Mixed Colors. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.		
Snowstorm Improved. The finest of all the white varieties.....	.35	1.00			
Spring Maid. The color is a light pink on a cream ground.....	.35	1.00			

Sweet Peas and Flower Seeds treated with "SEMESAN" will give better germination.

SWEET PEAS

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer Types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

Annie Ireland. Pure white, edged terra cotta pink.

Apple Blossom Spencer. Rose standards, blush rose wings beautifully waved.

Austin Frederick Improved. Large, pure lavender.

Barbara. The best salmon for exhibition purposes.

Blanche Ferry Spencer. Rose standard with white wings.

Campfire. The brightest scarlet.

Commander Godsall. A beautiful violet-blue.

Constance Hinton. Very large, black-seeded white.

Countess Spencer. Soft rose pink; large, wavy petals.

Crimson King. Rich oxblood crimson.

Daffodil. Large, very deep primrose.

Doreen. Standard rosy pink, wings cream.

Elfrida Pearson. Blush pink, deepening toward the edges.

Florence Nightingale. Bluish lavender.

Flora Norton Spencer. Bright blue with a small tint of purple.

George Shawyer. A large orange pink.

Hawlmarm Salmon Pink. Rose-pink, flushed deep salmon.

Hawlmarm Pink. Bright rose-pink, flushed salmon.

Hercules. Rich clear rose-pink.

Illuminator. Brilliant salmon-pink, very beautiful.

Jack Cornwall, V. C. A beautiful deep blue.

King White. A perfect white Spencer, immense petals.

Lady Evelyn Eyre. Blush pink, white ground.

Margaret Atlee. Salmon-pink, suffused over a cream ground.

Mary Pickford. Cream pink, suffused with salmon.

Mrs. Tom Jones. A bright Delphinium blue.

New Miran Beaver. Light apricot and buff.

Picture. Flesh pink, suffused creamy apricot.

Powerscourt. A large lavender.

Primrose Spencer. Primrose or creamy yellow.

Ravenswing. A very dark maroon.

R. F. Felton. Pinkish lavender.

Rosabelle. A large and finely waved bright rose.

Robert Sydenham. A bright orange-salmon self-colored; immense size.

Royal Purple. A rich royal-purple.

Sincerity. The finest scarlet cerise.

The President. A dazzling bright orange-scarlet.

Tangerine Improved. A beautiful glowing orange.

The Cardinal. Intense Poppy scarlet; waved flowers.

Valentine. Blush pink; flowers of large size and waved.

Warrior. Deep maroon; the best of its color.



Sweet Peas—R. F. Felton

Wedgwood. Silvery blue; flowers on long stems.

Wembley. Lavender, suffused plumbago blue.

White Spencer. A pure white with long stems.

Youth. White edged with a delicate soft rose pink.

Any of the above varieties: Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

MARSHALL'S MATCHLESS MIXED SPENCER HYBRIDS

A mixture of 75 varieties of Spencers, the grower of which was awarded a Silver Gilt Medal of the National Sweet Pea Society of Great Britain. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50, 24 varieties named for \$2.00.

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with **Mulford Cultures**.
Small Size, 35c.; garden size, 75c.



FLOWER SEEDS FOR DIFFERENT PURPOSES AND SITUATIONS

For description and prices, see general list.

CLIMBING VINES FROM SEEDS

Adlumia	Cobaea	Echinocystis	Lathyrus	Mina lobata	Passiflora
Balloon Vine	Convolvulus	Gourds	Kenilworth Ivy	Maurandia	Sweet Peas
Canary Bird Vine	Cypress Vine	Humulus	Kudzu Vine	Mormodica	Thunbergia
	Dolichos	Ipomaea	Lophospermum	Nasturtium	

FRAGRANT FLOWERS FROM SEEDS

Alyssum	Dianthus (Hardy)	Mignonette	Scabiosa	Sweet Rocket	Verbena, Lemon
Asperula	Heliotrope	Minulus moschatus	Stock	Sweet Sultan	Violet
Carnations	Lavender	Nicotiana affinis	Sweet Pea	Sweet William	Wallflower
Cleome	Mathiola	Polyanthus			

PLANTS ADAPTED FOR EDGING BORDERS

Ageratum	Bellis	Marigold	Nigella	Portulaca	Tagetes
Alyssum	Candytuft	Myosotis	Pennisetum	Pyrethrum	Viola
Armeria	Centaurea	Nasturtium	Petunia	Sweet William	Zinnia haageana
Begonia	Lobelia	Nemesia	Phlox, Dwarf	Sweet Pea, Cupids	

GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon	Begonias	Clerodendron	Ferns	Impatiens	Stevia
Acacia	Calceolaria	Clianthus	Lantana	Lantana	Stocks
Antirrhinum	Celosia	Coleus	Freesia	Primula	Streptocarpus
Angelonia	Celsia	Cyclamen	Gloxinia	Shamrock	Sweet Peas
Aralia	Chrysanthemum	Dracaena	Grevillea	Smilax	Trachelium
Asparagus	Cineraria	Geranium	Heliotrope	Solanum	Verbena

EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclinium	Globe Amaranth	Honesty, Lunaria	Statice
Edelweiss	Helichrysum	Rhodanthe	Xeranthemum

ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus	Centaurea candi-	Centaurea gymno-	Coleus	Euphorbia	Perilla
Cineraria maritima	dissima	carpa	Corn, Rainbow	Kochia	Pyrethrum aureum
					Ricinus

PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone	Begonia, Tuberous	Cowslip	Hardy Primrose	Myosotis	Poppies (Hardy)
Antirrhinum	Bellis	Delphinium	Linum	Oenothera	Schizanthus
Aquilegia	Canterbury Bells	Digitalis	Matricaria	Pansy	Torenia
Auricula	Coreopsis (Hardy)	Ferns	Mimulus	Polyanthus	Violet

ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma	Carnation	Dianthus	Hunnemannia	Phlox	Sunflower
Antirrhinum	Celosia plumosa	Didiscus	Larkspur	Poppies	Sweet Peas
Arctotis	Centaurea	Dimorphotheca	Lavatera	Physaliss	Sweet William
Asters	Chrysanthemums	Eschscholtzia	Lupinus	Salpiglossis	Verbena
Calendula	Clarkia	Gaillardia	Marigolds	Scabiosa	Wallflower
Calliopsis	Cosmos	Godeia	Mignonette	Statice	Zinnias
Candytuft	Dahlias	Gypsophila	Nigella	Stocks, Ten Week	

HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea	Bellis	Digitalis	Helianthus	Phlox	Scabiosa
Aconitum	Bocconia	Echinops	Heuchera	Physalis	Silene
Adonis	Boltonia	Edelweiss	Hibiscus	Physostegia	Statice
Agrostemma	Callirhoe	Erenurus	Hollyhocks	Platycodon	Stokesia
Alstroemeria	Campanula	Erigeron	Incarvillea	Polemonium	Sweet William
Alyssum	Candytuft	Erysimum	Lathyrus	Polyanthus	Trachelium
Anchusa	Centaurea	Erinus	Linaria	Poppies	Tritoma
Anemone	Cerastium	Eupatorium	Linum	Potentilla	Trollius
Anthemis	Chelone	Gaillardia	Lobelia	Primula	Valeriana
Aquilegia	Chrysanthemum	Galega	Lupinus	Pyrethrum	Verbena
Arabis	Coreopsis	Gaura	Lychnis	Rehmannia	Verbascum
Asperula	Cowslip	Geum	Matricaria	Rocket	Veronica
Aster	Delphinium	Grasses	Nierembergia	Romneya	Viola
Aubrietia	Dictamnus	Gypsophila	Pansies	Rudbeckia	Violet
Auricula	Dianthus	Helenium	Pentstemon	Salvia	Wallflower

Description and prices of any of the above seeds will be found on pages 28 to 49

SUMMER-FLOWERING BULBS

ACHIMENES

Profuse blooming tender perennials for greenhouse or conservatory decoration during Summer.

Finest Mixed Varieties. Doz. \$3.00, 100 \$20.00.

AGAPANTHUS

umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. 6-in. each \$1.50, doz. \$15.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Hippeastrum, Veitch's and Ker's New Hybrids.

The finest race of Amaryllis in cultivation. Each \$1.25, doz. \$12.00.

equestris (Barbados Lily). A garden variety with orange-scarlet flowers. Each 30c., doz. \$3.00, 100 \$20.00.

formosissima (Jacobean Lily). Brilliant scarlet. Each 60c., doz. \$6.00.

johnsoni. Deep rich crimson with white stripe on each petal. Each 50c., doz. \$5.00.



Amaryllis Hybrids

CALLAS (Richardia)

Splendid as pot plants or for outside planting. They may be started inside and safely planted out in May.

Each Doz. 100

Elliottiana. Flowers are large, rich dark golden yellow. Leaves beautifully spotted with white. \$0.50 \$5.00 \$35.00

Mrs. Roosevelt. White flowers tinged with yellow, leaves spotted. Will bloom continuously through the Summer.... .35 3.50 25.00



Begonia, Single Tuberous-rooted

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 \$25.00.

DOUBLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 \$25.00.



Calla, Mrs. Roosevelt

CALADIUM ESCULENTUM

(Elephant's Ear)

Grand, tropical plant. A favorite for specimens on the lawn. Height 3 to 4 ft. Each Doz.

Large Bulbs, 7 to 9 in. in circum.....\$0.25 \$2.50
Mammoth Bulbs, 9 to 11 in......35 3.50

FANCY-LEAVED CALADIUMS

Beautiful, variegated-leaved plants adapted for pot culture or bedding if given sheltered positions.

Fancy-leaved Mixed Varieties. Each 40c., doz. \$4.00, 100 \$30.00.

CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalog prices. Doz. 100

Eureka. A very free blooming creamy white with green foliage.....\$1.50 \$10.00

Fiery Cross. Very large, vivid scarlet. Foliage green. 5 ft..... 1.20 8.00

Gladiflora. Crimson, changing to carmine-rose, edged gold. 4 ft..... 1.00 7.00

Hungaria. The ideal pink bedder; large trusses of flowers. 3 ft..... 1.50 10.00

King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft..... 1.50 10.00

Orange Bedder. Bright orange, with scarlet suffusion. 4 ft..... 1.00 7.00

Panama. An attractive rich orange-red, with edge of golden yellow. 3 ft..... 1.00 7.00

Richard Wallace. Canary-yellow, 4½ ft. 1.20 8.00

The President. A gorgeous green leaf variety with great trusses of bright red flowers..... 1.20 8.00

Wintzer's Colossal. The largest Canna. Vivid scarlet flowers. 5 ft..... 1.00 7.00

Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage. 5 ft..... 1.50 10.00

Mixed Varieties.......75 5.00

Not less than half dozen of any variety supplied.

**Canna, The President****CINNAMON VINE**

DIOSCOREA batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented white flowers. Each 15c., doz. \$1.50, 100 \$8.00.

CRINUMS

Summer flowering bulbs, closely allied to Amaryllis. They can be used as a pot plant or planted in the garden for the Summer and taken up in the Fall. Each Doz.

Fimbriatum. Pure white with lavender-pink stripes through center of petals..\$0.50 \$5.00

Kirki. Flowers pure white, striped with purple. Flower spikes 2 ft. high..... .75 7.00

Powell Pink. Peach blossom pink..... .75 7.00

Powell White. White flowers..... .75 7.00

DAHLIAS

See pages 53, 54, 55, 56, 56a and 56b.

GLADIOLUS

See pages 56f, 56g, 56h, for color plates, description and prices.

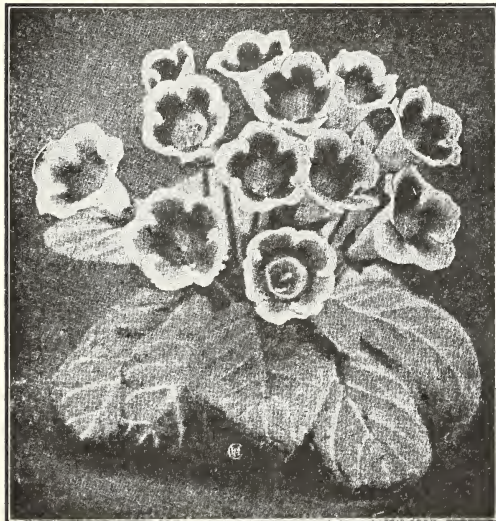
GLOXINIAS

Handsome Summer-flowering, tuberous-rooted plants adapted for pot culture. One bulb should be used for a 4-in. pot, using properly mixed soil and care being taken in watering. Each Doz.

Red, Spotted, White or Blue.....\$0.50 \$5.00

Choice Mixed Colors......50 5.00

Bulbs ready for delivery in February.

**Gloxinias**



SUMMER FLOWERING BULBS—Continued

*Hyacinthus candicans***HYACINTHUS CANDICANS**
(Cape Hyacinths)

A snow-white Summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell-shaped flowers.

Extra Large Bulbs. Each 20c., doz. \$2.00, 100 \$12.00.

If wanted by mail add 15c. per dozen for postage.

LILIES

See pages G, D, and E for color plates, description and prices.



Japanese Iris

THE BOOK OF BULBS

A very useful book for all lovers of bulbs and their cultivation. Price \$3.00 postpaid.

IRIS, JAPANESE

The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

The large size of the flowers is noteworthy, as they often reach 6 to 8 inches across in most fascinating combinations.

Distinction. Light lavender-pink, shading bright yellow at base of petals.

Gold Bound. Large, pure white, yellow center.

Mahogany. Deep velvety, mahogany-red.

Pyramid. Violet-blue, veined white in center of each petal.

Toledo. Large white petals with faint light blue veins and light blue center.

Victor. White, veined violet-blue, purple center.

Prices of the above, strong clumps, 50c. each, \$4.50 for 10

Large individual clumps, \$1.00 each, \$9.00 for 10.

*Ismene calathina grandiflora***ISMENE (Calathina Grandiflora)**

One of the best of our Summer-flowering bulbs. Clusters of large, fragrant, pearly white flowers, resembling the Amaryllis family.

Large Bulbs. Each 30c., doz. \$3.00, 100 \$20.00.

MADEIRA or MIGNONETTE VINE

A rapid growing, beautiful and popular vine, covering a large space in a short time. Heart-shaped leaves of a light green, with numerous racemes of feathery flowers of delightful fragrance.

Mammoth Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.

OXALIS

No bulb is more valuable for edging the borders of walks or flower beds. Elegant foliage and pretty flowers, bloom quickly after planting.

Dieppe. Pure white.

Lasiandra. Rosy pink, cut foliage.

Shamrock. Clover-like foliage; pink flowers.

Mixed Colors. Several varieties.

Mammoth Bulbs. Doz. 30c., 100 \$2.00.

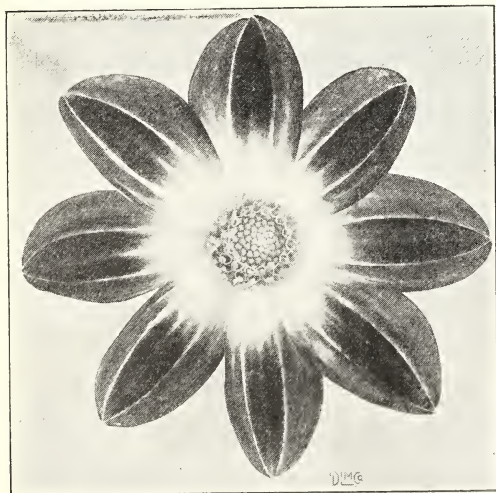


Montbretias

MONTBRETIAS

Hardy Summer flowering bulbous plants which should be planted in the early Spring and will flower in September. Bulbs may be left in borders during the Winter, if well covered, and will flower earlier than Spring-planted stock.

Croesus. Very large apricot yellow, 24 Doz.	100
in. high; late flowering.....	\$2.00 \$15.00
Fire King. A glowing scarlet. Large flowers of the finest quality.....	1.50 10.00
George Davidson. Free flowering yellow	1.50 10.00
King Edmund. Giant rich golden with brown markings in throat. Tall, sturdy grower.....	1.50 10.00
macrophylla. Orange externally, inside purple; a beautiful variety.....	1.50 10.00
Rheingold. Golden yellow with brown throat. Strong grower, free flowering..	2.00 15.00
Mixed Varieties	1.25 8.00



Single Dahlia

TIGRIDIA (Shellflower)

Very showy Summer flowering bulbs growing about 24 inches in height. Bulbs should be planted 2 inches deep and 6 inches apart and treatment similar to Gladiolus should be given them.

Mixed Colors. Each 20c., doz. \$1.75, 100 \$12.00.

TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

Each Doz. 100

Excelsior Double Pearl. Extra fine bulbs.....\$0.15 \$1.25 \$8.00

Armstrong's. The single ever-blooming Tuberosa..... .15 1.25 8.00

ZEPHYRANTHES

ZEPHYR FLOWER OR FAIRY LILIES

A hardy, dwarf, bulbous plant, flowering in great profusion in the Summer.

rosea. Beautiful clear rose, very large flowers. Doz. \$2.00, 100 \$15.00.



Tigridias

DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and anyone wishing to get the **cream** will find most of them in our collection, which can be recommended either for growing in competition, market purposes, or private collections.

CHOICE SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties. Each

Autumn Century. Old rose and yellow.....	\$0.50
Golden Century. Deep yellow.....	.50
Jack Century. Bright scarlet.....	.50
Margaret. A very large clear pink.....	1.00
Newport Angel. White.....	2.00
Newport Beauty. Pink.....	1.00
Newport Triumph. Bronze.....	2.00
Newport Wonder. Salmon buff.....	1.50
Sachem. A beautiful orange-scarlet.....	.50
Tango Century. A very large bronze.....	1.00

DAHLIAS—Continued

NEW DECORATIVE DAHLIAS

The following are a selection of the best varieties from the leading introducers.

	Each
Barbara Redfern. A wonderful combination of old rose and gold. An enormous flower on extra long stems. Plants \$5.00.....	\$10.00
Casper G. Ware. A fine growing Dahlia of bright, clear violet. Plants \$2.00.....	3.50
C. P. R. An immense buff yellow with magenta shadings. Good grower.....	3.00
Copper King. A wonderful arrangement of copper, yellow, light red reverse. One of the finest. Plants \$2.50.....	5.00
Eastern Star. Color a soft saffron yellow with old gold shadings. Plants \$1.50.....	3.00
Edna Ferber. An attractive shade of salmon-orange with a lighter rosy pink reverse. Vigorous growth and upright sturdy stem. Plants \$3.50.....	7.50
Eliza Clarke Bull. A superior white. A free bloomer. Plants \$2.50.....	5.00
Elite Glory. A brilliant glowing red color. The flowers immense in size and breadth of petal. Strong, stiff stems and heavy foliage. Plants \$2.50.....	5.00
Fort Washington. Dark mahogany red flowers of immense size. Strong, robust grower. Plants \$2.50.....	5.00
Hathor. A Dahlia of vivid Oriental colorings. Color, flame, verging to deep crimson and orange. Plants \$5.00.....	10.00
Harry Mayer. Color pale roselyn purple and very attractive. Habit perfect, stiff stems, 12 to 24 inches long. Plants \$5.00.....	10.00
Jersey's Beacon. The color is a Chinese scarlet with a paler reverse. A prolific bloomer. Plants \$1.50.....	2.50
Jersey's Ideal. Lavender-pink flowers on ideal stems. A vigorous grower. Plants \$2.50....	5.00
Jersey's Matchless. A beautiful golden buff.....	2.00
Lilian Baldwin. A beautiful shade of rose-pink on strong, long stems, of wonderful keeping quality. Plants \$3.50.....	7.50
Margaret Woodrow Wilson. Color opalescent pink. Flowers on perfect stems. Plants \$2.50.....	5.00
Marmion. Color pure golden yellow, with bronze suffusion on reverse side of petals. An enormous flower on cane-like stems. Plants \$3.50.....	7.50
Mrs. A. C. Bedford. A new rose-pink. Stout long stems and good grower.....	4.00
Mrs. A. E. Wheeler. See color plate, page 56a.	
Mrs. W. E. Marshall. See color plate, page 56b.	
Oyster Bay's Beauty. A rich dark velvety color. A free bloomer. Plants \$2.50.....	5.00
Oyster Bay's Ruby. A rich ruby red; perfectly formed flower. Stems two feet. Plants \$2.50.....	5.00
Pop Stewart. Rosy pink, changing to rosy pink as the flowers mature. A fine grower. Plants \$1.50.....	3.00
Purity (Chemars). A perfect white Decorative. Seedling from Jersey's Beauty, with all its good points. Plants \$5.00.....	10.00
Queen of the Garden Beautiful. The color is a bright yellow with tints of green. Very attractive, with wide petals. Plants \$3.75.....	7.50
Robert Scott. One of the best. Its color is of rich orange buff, shaded to rosy gold in the center. Plants \$2.50.....	5.00



Dahlia, P. W. Pópp

DECORATIVE DAHLIAS—Continued

Rose Glow. Very large flower of deepest shade of rose with silver tips. Erect on long stems. Plants \$3.50.....	Each \$7.50
Sanhican's Bluebird. The nearest approach to a blue Dahlia. Very large flowers on strong stems. Plants \$1.50.....	2.50
Sanhican's Gem. A delightful shade of old rose. True staghorn type. Plants \$1.50.....	2.50
Somerset. Salmon and old rose. A wonderful flower of good keeping qualities. Stems excellent. Plants \$2.50.....	5.00
Rose Fallon. Pleasing shades of amber, russet and salmon. Perfect flower. Plants \$2.50...	5.00

NEW HYBRID CACTUS DAHLIAS

Alice Whittier. H. C. "The Wonder Dahlia." Perfect stems, color primrose yellow. Plants \$2.50.....	\$5.00
Elsie Daniels. H. C. Creamy white, shading to lilac pink on outer row of petals. Plants \$1.50.....	3.00
Jersey's Delight. H. C. A beautiful old rose color borne on stiff stems. Plants \$2.50.....	5.00
Masterpiece (Chemars). A huge incurved Cactus of orchid pink. Flowers well placed on extra long stems. Plants \$5.00.....	10.00
The Bandit. H. C. A brilliant scarlet and yellow that wins everywhere. Plants \$2.50.....	5.00

NEW HYBRID CACTUS DAHLIA
P. W. POPP

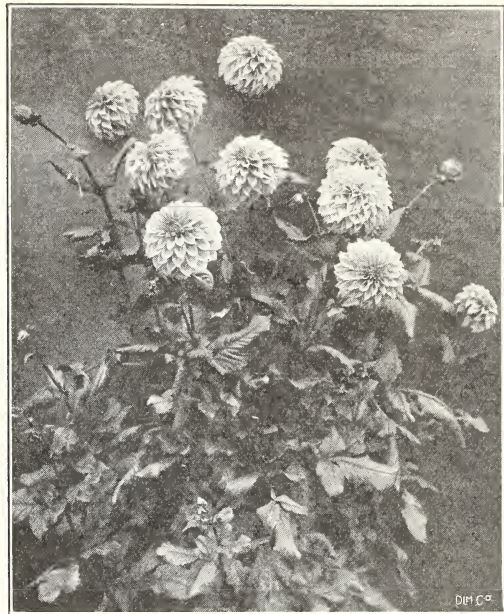
A grand new Hybrid Cactus. A seedling from Champagne, one of the finest and most artistic flowers; distinct in color and form. Stems are about two feet in length. The color combination is beautiful, a rich golden yellow slightly suffused rose, reverse veined rose. Plants \$5.00, tubers \$10.00.



SUPERB DECORATIVE DAHLIAS

The Decorative Dahlias have very large flowers with broad petals; they all flower freely on long, strong stems. Our list of varieties are selected from the varieties best adapted for exhibition and cutting.

Agnes Haviland. Rose-pink, slightly suffused with yellow.....	Each \$1.50
Autumn Gem. One of the best for cutting. Color rich gold, shading to bronze center.....	1.00
Amun Ra. Mammoth blooms of copper and orange.....	1.00
California Superba. Orchid pink flower of great size.....	1.00
Catherine Wilcox. A beautiful variegated pink and white, dependable variety in every way.....	3.00
Champagne. A dull golden champagne and chamois color.....	2.00
Chemar's Charm. A salmon-pink with fine habits.....	2.50
Dr. Tevis. Very large old rose, suffused with gold, shaded amber.....	.75
Eldorado. Golden yellow. Plants \$1.00.....	2.00
Elinor Vandever. A glowing satiny rose-pink.....	2.50
F. A. Kent. A beautiful Mallow pink. Plants \$1.50.....	3.00
General McRae. The face of the petals is apricot buff, suffused with gold, reverse light coral red.....	2.00
Giant Ruby. Very large full vivid red flower.....	2.00
Hortulanus Fiet. Beautiful shrimp-pink, salmon and gold suffusion.....	1.00
Insulinde. Beautiful golden orange; large, broad, waxy petals, magnificent variety.....	1.00
Jersey's Beauty. A real rose-pink. The finest pink decorative variety.....	1.00
Jersey's Jewel. A monstrous Mallow pink.....	2.50
Jersey's King. Begonia rose. Very large.....	1.00
Judge Marean. Orange, with salmon-pink suffusion, tinted yellow.....	1.00
King of the Autumn. Buff yellow, suffused with terra cotta; erect stout stems.....	.75
Margaret Masson. A beautiful silvery rose-pink. Free bloomer and stiff stem. Plants \$1.25.....	2.50
Mordella. A great favorite, of a bright apricot buff color. Plants \$1.00.....	2.00
Mrs. Carl Salbach. An immense bloom of a lovely mauve-pink.....	1.00
Mrs. I. de Ver Warner. A deep mauve-pink. One of the finest Dahlias ever introduced.....	1.00
Mrs. J. T. Scheepers. Canary yellow with pink suffusion.....	1.50
Myra Valentine. A golden bronze. Very free bloomer and vigorous grower.....	2.00
Pride of California. An immense crimson red.....	.50
Robert Treat. Color of the American Beauty Rose; erect habit with long stems.....	1.50
Roman Eagle. A flaming, brilliant burnished copper. Plants \$1.50.....	3.00
Rosa Nell. Clear bright rose; large attractive flowers.....	1.00
Sagamore. A large perfect flower of pure gold, with a reddish apricot center. Plants \$1.50.....	3.00
Snowdrift. A giant white.....	1.00
The Emperor. An enormous purple maroon.....	2.00
Trentonian. A perfect flower in brown tones. Free flowering and perfect stems.....	2.00
Tryphinnie. Bright shell-pink, light tips.....	1.50
Winifred Slocombe. Golden buff shading to darker center. Autumn shades.....	2.50
Wizard of Oz. Very large, amber-pink.....	1.00
World's Best White. One of the best whites. Free bloomer and full to the center. Plants \$1.50.....	3.00



Dahlia, Jersey's Beauty

CACTUS AND HYBRID CACTUS DAHLIAS

The following varieties comprise the cream of the novelties which have proved to be of extra merit.

	Each
Ambassador. Yellow and pink.....	\$1.50
Amber Glow. Bright yellow, deepening to orange at center. Large flower.....	1.00
Attraction. H. C. Clear lilac rose, strong stems.....	.75
Ballet Girl. Orange with white edge and variations.....	1.00
Break o' Day. H. C. Creamy-white.....	.75
Countess of Lonsdale. Deep salmon-red.....	.50
Conquest. Deep crimson maroon, large with twisted petals.....	.75
Emma Marie. H. C. A combination of bright pink and white.....	2.00
Francis Lobdell. H. C. Mallow-pink shading to white in the center.....	1.00
F. W. Fellows. Orange, with terra cotta shadings.....	.75
Geo. Walters. H. C. Rich salmon-pink, shaded gold to center; fine for every purpose.....	.75
Gladys Sherwood. H. C. Giant white, fine stems.....	1.00
Islam Patrol. Dark velvety scarlet, tipped and flushed with gold. Plants \$1.25.....	2.50
Jean Chazot or Gay Paree. An Autumn tinted Cactus. Golden bronze with suffusion of red.....	1.00
Jersey's Mammoth. H. C. A rich golden mahogany of immense size.....	2.50
Jersey's Radiant. H. C. Bittersweet-orange flowers produced on long, stiff stems.....	2.00
J. H. Jackson. Velvety black maroon.....	.50
Kalif. Pure deep scarlet, perfect flower.....	.75
Mariposa. H. C. A beautiful pink with a violet suffusion and perfectly formed flower. Plants \$1.00.....	2.00
Papillon. H. C. A beautiful shade of old rose with golden tints.....	2.00
Pierrot. Deep amber, shading to salmon center, white tips.....	.75
Siskiyou. H. C. Pink tinged mauve. One of the very largest Cactus.....	1.50
The Grizzly. Dark velvety maroon.....	1.00
Tom Lundy. H. C. Rich, velvety red.....	.75

POMPON DAHLIAS

These tiny Dahlias are greatly in demand for table decorations and cutting. The many colors make it possible for any color scheme. The habit of the plant is dwarf and they require very little support when growing.

	Each
Aimee. A wee flower of bronze.....	\$0.50
Arthur. A brilliant scarlet, long stems.....	.75
Barbara Purvis. A fine white for cutting.....	.50
Belle of Springfield. Crushed strawberry.....	.50
Bob. Attractive shade of plum.....	.50
Bronze Beauty. Golden apricot.....	.50
Charming. A very fine lavender pink.....	.50
Deedee. A dainty small lavender.....	.50
Elizabeth. Golden yellow, edged red.....	.50
Gandymede. A blending of mauve and tan....	.50
George Ireland. Beautiful mauve.....	.50
Glow. Light rose or coral.....	.50
Goldie. A tiny flower of pure gold.....	.50
Hazel. A small buff, deepening to brown.....	.75
Helen Cottrell. A perfect flower of baby pink....	.50
Johnny. A dark deep red, tiny flower.....	.50
Kim. An exceptionally good orange.....	.50
Lassie. Yellow base, old rose shadings.....	.50
Little Beeswing. Golden yellow, tipped red....	.50
Little Helen. A lovely pale lavender.....	.50
Little Jewel. Peach blossom pink.....	1.00
Pee Wee. Soft yellow, center shading to brown....	.50
Regulus. A small cerise purple.....	.50
San Toy. White tipped with carmine.....	.50
Sunset. A delightful orange.....	.50
Tom. Small yellow tipped red.....	1.00
Yellow Gem. Creamy yellow, small flower.....	.75

DOUBLE DAHLIAS

We have some fine tubers of unnamed varieties in **Lavender, Pink, Red, White or Yellow** colors, separate. Each 25c., doz. \$2.50, 100 \$15.00.

All prices of Dahlias are for Tubers unless otherwise stated.

Tubers. We ship tubers in April unless otherwise ordered.

Plants. We guarantee delivery of all plants to arrive in good condition; shipment will be made about the end of May.

SPECIAL COLLECTION OF NAMED DAHLIAS

This collection is made up from varieties that retail for not less than \$1.00 each. Each variety is carefully named and comprises a wide range of color in 12 distinct varieties.

Collection of 12 tubers \$5.00. If by mail add 15c. for postage.

MARSHALL'S ELITE COLLECTION OF DAHLIAS

This collection consists of 12 named varieties of recent novelties. Each variety is carefully named and would retail from \$1.50 to \$2.50 each if purchased separately. The varieties are carefully balanced as to color and guaranteed true to name. Collection of 12 tubers \$10.00.

DAHLIA CULTURE

A book full of practical information for the growing of Dahlias. 126 pages. Postpaid \$1.50.



Masterpiece. See page 54

Dahlias From Seed

Wonderful Dahlias may be grown from seed and they will bloom the first season, making as large plants and tubers as if grown from bulbs. Bear in mind that each seedling will be a new variety. This makes it the most fascinating part of growing Dahlias. They are seldom like the parent plant in type or color. All the fancy Dahlias of today were grown from seed. Many of them were produced by seed grown by amateurs and sold to growers at fancy prices.

Seed produced in Southern California is superior to that from any other place, as the climate conditions are such that the extra large double varieties produce seed. This is due to the long, rainless seasons.

Growing Dahlias from seed is one of the most interesting stages of Dahlia cultivation. Our seed is carefully selected from the choicest varieties. We send postpaid to any post office in the United States, Dahlia seeds in packets.

We are offering \$50.00 for the best seedling grown from this seed and shown at the A. D. S. Show, Sept. 1928.

**First Prize, \$25.00; Second Prize, \$15.00;
Third Prize, \$10.00**



MARSHALL'S XXX SO. CALIFORNIA GROWERS' SEED

**Ambassador
Champagne
Eleanor Vanderveer
Jersey's Beacon
Mrs. I. de Ver Warner
Sagamore**

**Elite Glory
Faith Garibaldi
Jersey's Beauty
Shudow's Lavender
Mixed Seed**

50 seeds \$3.00, 100 seeds \$5.00, 300 seeds \$10.00
of any of above varieties separate.



DAHLIA. Mrs. A. E. Wheeler

A wonderful new Decorative that has attracted much attention in our growers' gardens. So many linger by it and say, "Wonderful!" It won first prize at the American Dahlia Society Show in 1927 in the Seedling Class. The color is beautiful, Fuchsia shading to magenta with reverse of petals striped white showing in the center. The habits are ideal, stem long and stiff, flower habit profuse, bloom large and never show an open center, plants robust.

Plants \$5.00, tubers \$10.00



DAHLIA. Mrs. W. E. Marshall

The very large blooms of silvery lavender slightly suffused white are held upright on an absolutely perfect stem, averaging thirty inches in length; the plant is a strong, vigorous grower, covered with flowers from early until late. If planted early a few of the blooms will show an open center late in the season; this does not detract from its beauty for decorative purposes, and the color combination is especially effective under artificial light, which must be seen to be appreciated. The flowers will last nearly a week after being cut.

Plants \$5.00, tubers \$10.00



Brownii



Chalcedonicum



Henryi



Martagon

HARDY GARDEN LILIES For Spring Planting

One of our specialties is "The Lily." and on that most interesting subject we have compiled the most comprehensive catalogue ever published and wherein all details of planting and culture will be found, including colored plates of nearly all the varieties in commerce. Owing to the great expense incurred in producing this valuable Lily book we are obliged to charge one dollar for same, which will be credited to the purchase of the first order for Lilies to the amount of three dollars or over. This means that credit slip for one dollar received with book should be sent with your first order for three dollars or over.



Monadelphum



Pyrenaicum



Regale



Umbellatum

MARSHALL'S 1928 SPRING COLLECTION OF HARDY LILIES

We have prepared the following collection of Hardy Lilies for Spring delivery. They will produce an abundance of flowers during the Summer, and if left undisturbed will increase from year to year.

Three good flowering bulbs of each of the following varieties in a wide range of color.

- | | | |
|--------------------------------------|---|-----------------------------------|
| 3 Auratum. White and yellow. | 3 Martagon. Purple. | 3 Superbum. Orange-red. |
| 3 Davuricum. Red and yellow. | 3 Pyrenaicum aureum. Yellow. | 3 Tigrinum splendens. Red. |
| 3 Elegans atrosanguieum. Red. | 3 Regale. White. | 3 Umbellatum. Orange. |
| | 3 Speciosum rubrum magnificum. White, spotted red. | |

The above collection of 30 bulbs and our book, "Consider the Lilies," sent postpaid for \$12.00. One-third of Collection, 10 bulbs, including book, "Consider the Lilies," sent, postpaid, for \$4.50.

HARDY LILIES

Among the stateliest of all hardy plants, Lilies during their respective flowering seasons, constitute the chief attraction in the hardy border. They prefer a well-drained soil.

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or straw will prove highly beneficial. Plant all Lilies as early as possible in the Spring.

	Size	Each	Doz.	100
Auratum (Goldband Lily). White with gold bands, spotted maroon.				
Extra Large Bulbs	9-11	\$0.55	\$5.50	\$40.00
Mammoth Bulbs	11-13	.80	8.00	60.00
Monster Bulbs	13-15	1.50	15.00	....
Auratum pictum . Crimson spots and petals tips.....	8-9	1.00	10.00	75.00
Auratum platyphyllum . Flowers white, richly spotted yellow.....	8-9	.60	6.00	45.00
Large Bulbs	9-11	1.00	10.00	75.00
Auratum wittei . No spots, yellow bands.....	8-9	1.00	10.00	75.00
Backhouse Hybrids, Mrs. R. O. Backhouse	Small	3.00	30.00	....
Batemanniae . Six to eight apricot-colored flowers on a stem.....	6-8	.40	4.00	30.00
Browni odorum . White inside and deep, rich vinous purple outside flowers.....	9-11	1.00	10.00	75.00
Canadense . Bell-shaped; yellow, spotted black.....	Good	.20	2.00	15.00
Cernuum . A deep lilac-pink, spotted wine color. Very fragrant.....	Small	1.25	13.00	....
Chalcedonicum . The scarlet Turks-cap.....	9-11	2.00	20.00	160.00
Concolor . Star-shaped flowers of deep crimson, with dark spots.....	Small	.50	5.00	38.00
Cordifolium . Resembles <i>L. giganteum</i> himalaicum, only smaller in size. Color white tinged with green at the base.....	3-5	.70	7.00	50.00
Coridion . The color is deep yellow, with dark spots.....	Small	.50	5.00	38.00
Croceum (The Orange Lily). Flowers orange color.....	6-8	.50	5.00	38.00
Davuricum . Upright, scarlet flowers, dotted black.....	4-5	.30	3.00	20.00
Davidi . A Chinese Lily with cinnabar-red flowers.....	Small	1.00	10.00	75.00
Elegans, Alice Wilson . Lemon-yellow, darker in center.....	Small	.60	6.00	45.00
atrosanguineum . Velvety crimson.....	4-6	.40	4.00	30.00
horsmanni . Very dark red.....	4-6	.35	3.50	25.00
Leonard Joerg . Apricot, with dark spots.....	4-6	.30	3.00	22.00
Giganteum himalaicum . The tallest of all the Lilies. Long, tubular flowers of pure white tinged with purple inside.....	8-10	3.50	30.00	....
Hansoni . Flowers reddish-orange.....	7-8	.75	7.50	58.00
Henryi . The yellow Speciosum. Bright orange yellow.....	8-9	.75	7.50	58.00
Henryi . The yellow Speciosum. Bright orange yellow.....	9-11	1.00	10.00	75.00
Japonicum (Krameri). Large, trumpet-shaped pink flowers.....	5-6	.60	6.00	45.00
Leichtlini . Similar to <i>L. tigrinum</i> , but the color is pale yellow with purple spots. A beautiful Japanese Lily.....	Small	.75	7.50	55.00
Longiflorum multiflorum . Pure white trumpet-shape.....	9-11	.50	5.00	38.00
Martagon (Turks-cap Lily). Clusters of purple flowers.....	4-5	.40	4.00	30.00
album . Clusters of waxy white flowers.....	4-5	1.00	10.00	75.00
Maximowiczii . Vivid orange-red with dark spots.....	4-6	.75	7.50	55.00
Medeoloides . An interesting Lily. The color is scarlet with apricot shadings; sometimes come spotted black.....	Small	.50	5.00	35.00
Monadelphum (Colchicum). Deep straw, spotted black.....	7-9	1.25	12.00	90.00
Ochraceum (Nepalense). A magnificent Lily from Burma. Color greenish gold outside and inside a deep purple wine color.....	5-7	3.50	35.00	....
Pardalinum . Bright orange, spotted with dark crimson.....	7-9	.35	3.50	25.00
Pyrenaicum aureum (Yellow Turks-cap Lily). Yellow.....	7-9	.75	7.50	55.00
Pyrenaicum aureum . Mammoth bulbs; yellow.....	10-12	1.25	12.00	90.00
Regale (Myriophyllum). White shading to brown and pink.....	5-6	.65	6.50	50.00
Regale (Myriophyllum). White shading to brown and pink.....	6-7	.90	9.00	70.00
Regale (Myriophyllum). White shading to brown and pink.....	7-9	1.20	12.00	90.00
Rubellum . Rose-pink, with yellow anthers.....	3-4	.60	6.00	45.00
Speciosum album . Beautiful, pure white flowers of large size.....	8-9	.75	7.50	55.00
Speciosum album . Beautiful, pure white flowers of large size.....	9-10	1.00	11.00	80.00
Speciosum rubrum magnificum . White, shaded rose and spotted crimson.....	9-11	.55	5.50	45.00
rubrum magnificum . White, shaded rose and spotted crimson.....	11-12	.75	7.50	55.00
rubrum magnificum . White, shaded rose and spotted crimson.....	13-15	1.20	12.00	90.00
Melpomene . Darker than magnificum.....	9-11	.60	6.00	50.00
Melpomene . Darker than magnificum.....	11-13	.85	8.50	65.00
Melpomene . Darker than magnificum.....	13-15	1.40	14.00	95.00
Sulphureum . Funnel-shaped flowers of pale yellow, deepening at the throat, the outside is streaked and shaded claret red.....	7-9	3.00	30.00	....
Sulphur Gale . Similar to Sulphureum but with less yellow.....	4-5	1.00	10.00	75.00
Superbum . Flowers bright orange-red, thickly spotted with purple.....	5-7	.25	2.50	18.00
Testaceum (Nankeen Lily). A shading of dull apricot.....	9-11	2.00	20.00	160.00
Tigrinum flore pleno (Double Tiger Lily).....	5-7	.35	3.50	25.00
Tigrinum splendens (Single Tiger Lily).....	7-9	.30	3.00	20.00
Tigrinum splendens (Single Tiger Lily). Red spotted purple.....	9-11	.45	4.50	32.00
Umbellatum grandiflorum . Orange-red.....	7-9	.35	3.50	25.00
Mixed . Yellow orange and crimson shades.....	9-11	.35	3.50	25.00

All bulbs offered by us are flowering size. Some of these may be quite small while others are large, owing to the nature of the Lily. By noting in the column "Size of Bulb" we have tried to give the purchaser an approximate idea of what to expect. The figures give the size in circumference. For instance 9-11 means that the bulbs are 9 to 11 inches in circumference.



GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

KUNDERDI RUFFLED VARIETIES

The following include some of the best varieties introduced by A. E. Kunderd in the ruffled petal type. The flowers and spikes are unusually large, and are extensively grown for exhibition purposes.

	Each	Doz.	100
Dorothy McKibbin. Rich pink, mottled rose. Early flowering and beautifully ruffled.	\$0.15	\$1.25	\$8.00
E. J. Shaylor. A beautiful, pure, deep rose-pink; tall, strong plant and large flowers.	.15	1.00	7.00
Kunderdi Glory. Creamy apricot with light tint of pink and red on the lower petals.	.15	1.25	8.00
Mona Lisa. Palest rose-pink or blushed white. A gorgeous flower.	.15	1.25	8.00
Mrs. H. E. Bothin. Flesh salmon-pink, flame scarlet center. Beautiful combination of color.	.15	1.50	10.00
Orange Glory. Grand orange colored with beautiful lighter throat; ruffled.	.15	1.50	10.00
Pride of Goshen. A very large salmon or flesh pink. Exceptionally tall spike.	.15	1.25	9.00
Purple Glory. Velvet maroon. Large ruffled flowers; extra fine spike.	.30	3.00	20.00
Rose Precose. A beautiful salmon-rose, slightly ruffled. Tall, straight spike.	.30	3.00	20.00
White Glory. A gorgeous pure white, with beautiful Iris-blue throat; ruffled.	.20	2.00	15.00
Youell's Favorite. Striking rosy lavender-pink; large and beautiful ruffled flower.	.20	2.00	15.00

GLADIOLUS, NAMED HYBRIDS

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

BLUE AND PURPLE SHADES

	Each	Doz.	100
Anna Eberius. Dark velvety purple, pansy-purple blotch in the throat. Beautiful variety.	.3 for 35c.	\$1.25	\$8.00
Baron Hulot. A fine violet-blue.	.3 for 35c.	1.50	10.00
Blue Jay (True). Bright light blue, with white shadings.	\$0.25	\$2.50	\$16.00
Duchess of York. The best blue, large flower well placed on long stems.	.45	4.00	30.00
Herada. Pure mauve with deeper markings on throat	3 for 30c.	1.00	7.00
Kirchoff's Violet. Violet, slightly veined white.	.35	3.50	25.00
Mary Fennel. A beautiful deep lavender, lower petals penciled primrose-yellow on pale lavender ground.	.20	2.00	12.00
Mr. Mark. Light blue with darker throat; robust grower.	.20	2.00	12.00
Mrs. Fred C. Peters. Fine lilac-pink with purplish blotch in throat. Large flowers with long, erect stems.	.30	3.00	20.00
Persia. Velvety dark maroon, with a luminous sheen, buds shiny black, medium size flower, early and attractive.	.30	3.00	20.00
Rev. Ewbank. A fine porcelain blue.	.25	2.50	16.00
Viola. Mauve blue, gradually shading to rich violet, throat toned soft canary with purple blotch in lower petals.	.20	2.00	12.00

RED AND SCARLET SHADES

Crimson Glow. A perfect scarlet of a deep tone on a tall spike.	.3 for 35c.	1.25	8.00
Early Sunrise. A very large red, shaded orange. Early flowering and a fine forcing variety.	.20	1.50	10.00
Fire King. Long, graceful spikes of intense fire scarlet flowers.	.3 for 30c.	1.00	7.00
Flaming Sword. A very early soft red flower; open six or more together.	.25	2.50	15.00
George J. Joerg. A brilliant flower, the bud of carmine-scarlet, toning as it opens to a beautiful salmon-pink with creamy yellow and scarlet throat.	2.50	25.00	....
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best.	.3 for 20c.	.75	5.00
Red Canna. An exceptionally fine, deep scarlet.	.3 for 40c.	1.50	10.00
Red Emperor. A very large, deep scarlet of immense size.	.20	2.00	12.00
Scarlet Princeps. A very large spike of massive crimson-scarlet flowers. Five to six open at one time.	.20	2.00	10.00

We shall be pleased to supply any varieties not named at advertised prices.

Add 15c. per doz. if Gladiolus are wanted by **Parcels Post**



Pride of Goshen



Joerg's White Gladiolus



GLADIOLUS—Continued

PINK SHADES

	Each	Doz.	100
America. Large flower, beautiful flesh pink....			
3 for 20c.	...	\$0.60	\$4.00
Arlene. A uniform, pale rose-pink, shading in the throat to a pale flesh-pink, with deep crimson base. A beautiful variety.....	\$1.25	12.00	....
Ashes of Roses (Rose Ash). Corinthian red, fading to ashes of roses on the outer edges. Flowers well set on a very large, tall spike....			
3 for 40c.	...	1.50	10.00
Arizona Rose. A charming shade of light old rose.....	3 for 40c.	1.50	10.00
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center.....	3 for 30c.	1.00	7.00
Gretchen Zang. Pink, blending into scarlet on lower petals.....	3 for 30c.	1.00	7.00
Halley. A very attractive delicate salmon-pink.			
3 for 20c.	...	.70	5.00
Ida Van. A beautiful deep salmon-red or flaming orange-pink.....	3 for 30c.	1.00	7.00
La Couronne. Creamy white with throat blotched with dark maroon, bordered with pale yellow.....	.20	2.00	13.00
Loveliness. A beautiful cream-colored variety..			
3 for 40c.	...	1.50	10.00
Le Marechal Foch. Pure pink of immense size..			
3 for 25c.	...	.75	5.00
Mrs. Dr. Norton. Pale pink, with primrose center, yellow blotch on lower petals....	3 for 35c.	1.25	8.00
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon-pink, with brilliant carmine blotches in the throat....	3 for 30c.	1.00	7.00
Panama. Large, wax-like flower, clear pink, large spike.....	3 for 25c.	.75	5.00
Pink Perfection. Bright pink. Very large flower.			
3 for 40c.	...	1.50	9.00
Pink Wonder. A beautiful pink, slightly lighter than Panama.....	.20	2.00	12.00
Prince of Wales. Beautiful light salmon with orange shade, very early.....	3 for 30c.	1.00	7.00
Summer Beauty. Very choice deep salmon, distinct shade.....	3 for 40c.	1.50	9.00
Two tint. A delicate flesh-pink shaded white and tinted yellow inside with large, salmon-tinted scarlet blotches.....	.20	2.00	12.00

WHITE SHADES

Joerg's White. This is one of the largest-flowered Gladiolus and the finest and purest of all white varieties. Spikes 3 to 4 ft. high and flowers 5 in. across. See cut page 56f.....	1.25	12.00	....
Lily White. A fine snow-white of good height and large flower.....	3 for 40c.	1.50	10.00
L'Immaculee. A beautiful pure white, very tall grower.....	3 for 35c.	1.25	8.00
Mary Pickford. A delicate creamy white. Throat finest sulphur-yellow.....	.20	2.00	10.00
Peace. The flowers are large, white with a pale lilac feathering on the interior petals..	3 for 20c.	.70	5.00
White America. Clear white with a slight mark of blue in the throat.....	3 for 30c.	1.00	6.00
White City. Very large, almost pure white flowers, spikes 5 ft. tall. A grand variety..	3 for 40c.	1.50	10.00

YELLOW SHADES

	Each	Doz.	100
Canary Bird. Fine yellow; extra good.....	\$0.20	\$1.75	\$12.00
Flora. One of the best yellows. Pale corn yellow with delicate lines on lower petals..	.3 for 35c.	1.25	9.00
Gold. A very fine pure yellow.....	.20	2.00	12.00
Gold Measure. A magnificent yellow. Very large open flowers; immense spike.....	.20	2.00	12.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine.....	3 for 30c.	1.00	6.00
Schwaben. Delicate, pale yellow, dark blotch in center.....	3 for 20c.	.70	5.00
Sulphur King. Deep pure yellow. The best of its color.....	3 for 40c.	1.50	10.00
Yellow Hammer. Pure yellow, with a small red mark in the throat. A fine forcer..	3 for 35c.	1.25	8.00

GLADIOLUS IN MIXTURE

	Doz.	100	1000
Our mixtures are made up from fine varieties and are all selected first size bulbs			
Marshall's Matchless Hybrids. This is our general mixture and is composed of fine sorts in all colors, in extra large size bulbs only.....	\$0.60	\$4.00	\$35.00
Marshall's Special Mixture. This mixture is made up from named varieties and seedlings. They are splendid for cutting and borders.....	.75	5.00	45.00



Gladiolus, Ashes of Roses

GLADIOLUS—Continued

PRIMULINUS GLADIOLUS

This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Each	Doz.	100
Alice Tiplady. A grand, large, beautiful orange-saffron color.....	3 for 30c.	\$1.00	\$7.00
Dorothy Wheeler. Flowers richest rose-pink with lighter throat. Very large and massive..	3 for 35c.	1.25	8.00
Jewell. A clear salmon-pink with golden throat. Tall, erect, early flowering.....	3 for 35c.	1.25	9.00
Joerg's Yellow Prim. A new and distinct Primulinus. A flower spike 5 ft. high, carrying 12 to 18 large pure yellow flowers. Flowers large and wide open.....		1.25	12.00
Maiden's Blush. Enchantress pink. Well-shaped flowers on long, strong stems....	3 for 30c.	1.00	6.00
Orange Brilliant. Brilliant orange.....	3 for 30c.	1.00	6.00
Orange Queen. Large flowers, orange yellow, tinted apricot. A grand variety.....		.25	2.50
Phantasy. A clear salmon-pink with coral margin, buds are brilliant orange-scarlet. The flower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering.....		.25	2.50
Salmon Beauty. Deep salmon with rich salmon-yellow throat.....	3 for 35c.	1.25	7.00
Souvenir. A superb large flowering deep yellow.....	3 for 35c.	1.25	8.00
Sunbeam. A beautiful pure yellow. Good forcer.....	3 for 30c.	1.00	7.00

PRIMULINUS HYBRIDS

A very select mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladiolus contains such harmonious blendings of color.

	Doz.	100	1000
Selected Mixed Hybrids	\$0.60	\$4.50	\$40.00

We shall be pleased to supply any varieties not named at advertised prices.

GLADIOLUS. Los Angeles

This Gladiolus is also called "The Cut-and-come-again," as it often sends up new spikes after being cut. The color is a beautiful grenadine or orange tinted pink. It is a good grower and has four to five flowers open at one time.

Each 25c., doz. \$2.50, 100 \$18.00

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the middle of April and ship at any date required for later planting.

Gladiolus bulbs dipped in a solution of **Semesan** will prevent hard rot and other diseases.

GLADIOLUS by F. F. ROCKWELL

This is a compact and handy work-book for the grower of Gladiolus, both for cut flowers and for pleasing effects in the home garden.

The suggestions on how and where to use "Glads" and types and varieties will be helpful in making out orders. The chapters on care and culture, increasing the stock, creating new varieties, growing and exhibition, and harvesting and storing, will bring pleasure and success throughout the growing season.

Mr. Rockwell is himself a grower of "Glads," has had life experience in the commercial production of the bulbs, and is the author of several books on gardening.

Price, postpaid, \$1.00

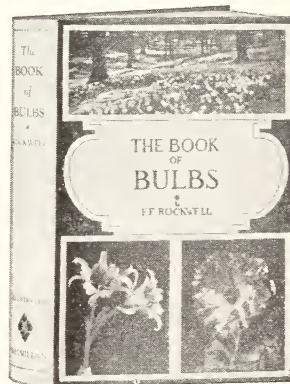
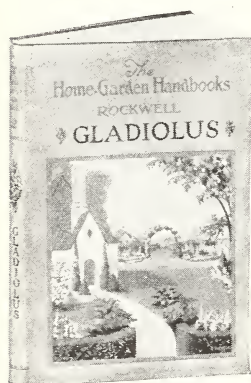
THE BOOK OF BULBS

"The Book of Bulbs," by Frederick Frye Rockwell, by means of lucid, readable text and many excellent illustrations, takes the reader into the garden and reveals to him the possibilities in the utilization of bulbous plants in any type of garden development. This is not a botanical survey of bulbs (although varieties are carefully described and distinguished) but, as the illustrations will reveal on the first hasty turning of the pages, a garden book for everyone from the amateur enthusiast to the professional horticulturist.

Graphically and authoritatively the chapters deal one by one with the planning and making of bulb gardens, the naturalization of bulbs, their propagation, and protection from insects and diseases. As the pages progress, they fulfill this fascinating prospect of the all-year diversity and novelty attainable in bulb-raising.

"You can have bulbs in bloom throughout the entire year. Starting with the Snowdrops, Scillas, Grape-hyacinths, in early Spring, they follow through a constant succession: Daffodils, Tulips, bulbous Irises, Hardy Lilies, Tuberous Begonias, Cannas, Dahlias—until killing frost in September or October. And in November, with very little trouble, and in any ordinary sunny living room, you can have the first of your winter-bulb blooms with a succession of them until the following Easter!"

Price, postpaid, \$3.00.





HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums should be in every garden, as they produce an abundance of flowers long after the ordinary garden flowers have been destroyed by frost.

Our collection is divided into four groups: The **Large Flowering** or **Aster Type**; the **Pompon**; the **Button** or **Baby Type**, and the **Single**. The later varieties coming into bloom and lasting well into October.

Prices of the following: Doz. \$2.50, 100 \$16.00; not less than 3 of one variety sold

LARGE FLOWERING, or ASTER VARIETIES

Angelo. A beautiful light pink.

Florence Stanton. Large bronze flower; late.

Marie du Pont. Free flowering, pure white.

Queen of Whites. Pure white, very full.

Yellow Source d'Or. The best yellow.

Zelia. Old gold, large flower; bushy plant.

POMPON VARIETIES

Anna L. Moran. Bronze with yellow.

Fairy Queen. Large light pink, full center.

Firelight. Bright red. Pretty flower.

Frances Huckvale. Flesh with bronze center.

Juliana. Fine yellow, good grower.

Mrs. Chester Robinson. Pink shading to old rose.

Nellie. Golden yellow, very full.

Nellie Blake. A good deep red.

Petit Louis. Light pink, bronze center.

Uvalda. Large white, strong grower.

SINGLE FLOWERING VARIETIES

Alice Howell. Orange-yellow.

Mrs. Roberts. Deep rose-pink.

Summer Gold. Large golden yellow.

BUTTON VARIETIES

Davenport. Bronze tinged with red.

Helios. Reddish-bronze.

Ouray. Rich dark mahogany-brown.

BEDDING PLANTS

	Doz.	100		Doz.	100
AGERATUM fraseri. Bright blue, 3-in.	\$2.00	\$15.00	FORGET-ME-NOT. Blue, 3-in.	\$1.50	\$10.00
Dwarf Blue. 3 in.	2.00	12.00	FUCHSIAS. Named varieties, 3-in.	2.00	15.00
ASTERS. Double assorted, 2 in.	1.00	6.00	GERANIUM. Named varieties, 4-in.	5.00	35.00
BEGONIA Chatelaine, red, 2¼-in. pots.	2.00	15.00	Ivy-leaved Sorts. 4-in.	6.00	40.00
Chatelaine Supreme. Pink, 2¼-in. pots.	2.00	15.00	HELIOTROPE. Standard varieties, 3 in.	3.00	20.00
Gustave Knaake. Crimson.	3.00	20.00	IVY, English. 4-in. pots.	5.00	35.00
Vernon, 3 in.	2.00	15.00	LANTANAS. Named varieties, 2¼-in.	2.00	15.00
Luminosa, 3 in.	2.00	15.00	LOBELIAS, Blue Dwarf.	1.50	10.00
CANNAS. From 3-in. pots.			LEMON VERBENA. 3-in.	4.00	30.00
King Humbert. Red, bronze leaf.	2.00	15.00	MOONFLOWER. White flowers.	2.00	15.00
Hungaria. The best pink.	2.00	15.00	PETUNIA. Double varieties, 2-in.	1.50	....
The President. Green leaf, red.	2.00	15.00	Single varieties, 2-in.	1.00	10.00
Yellow King Humbert. Green leaf.	2.00	15.00	SALVIA Bonfire. Scarlet, 2¼-in.	1.25	9.00
Mixed French Varieties.	2.00	15.00	Zurich. Dwarf.	1.25	9.00
CENTAUREA gymnocarpa.	2.00	12.00	VERBENAS. Finest mixed, 2 in.	1.25	8.00
COBAEA scandens. Blue.	1.50	10.00	VINCAS rosea and alba.	2.50	15.00
COLEUS. In variety, 2¼-in.	1.50	10.00	VIOLA Jersey Gem. Pure violet flowers.	4.00	30.00

No order for less than 1 doz. of a variety accepted

ANTIRRHINUM. Snapdragon

One of the most widely grown plants for greenhouse flowering and outside bedding.

Geneva Pink. A glistening rose-pink.

Giant Red. A fine red variety.

Golden Pink Queen. A superb variety.

Helen. A beautiful light pink.

Orlando. A beautiful bronze.

Philadelphia Pink. The best pink.

White Rock. Best forcing white.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2¼-in. pots: Doz. \$1.75, 100 \$12.00.

Not less than 1 doz. of a variety sold. For New Antirrhinums, see page 1

CARNATIONS

Recent Introductions and Choice Varieties

	Doz.	100
Arctic. A pure snow white seedling from Matchless. Large flower and very free flowering.....	\$3.00	\$20.00
Betty Lou. A pleasing shade of medium pink. A good grower and very free flowering.....	3.00	20.00
Benora. Color cream white, red markings.....	2.00	12.00
Boston Ward. A fine dark pink of improved Ward type.....	3.00	20.00
Eldora. The best variegated variety on the market.....	2.50	16.00
Johnson's Crimson. A very fine free flowering crimson.....	2.50	16.00
Laddie. A warm rose-salmon pink, very large flowers.....	3.00	20.00
Maine Sunshine. The best clear yellow.....	3.50	25.00
Enchantress Supreme. Salmon-pink.....	2.00	12.00
Harvester. Snow-white. Free flowering and good stems.....	2.00	12.00
Matchless. A very fine white. A good reliable variety.....	2.00	12.00
North Star. An extra fine yellow, size good and excellent quality.....	3.00	20.00
Pink Matchless. Clear silver pink. A fine standard sort with large flowers.....	2.00	12.00
Radiolite. A brilliant scarlet, the winner of the Dorner Memorial Medal.....	3.00	20.00
Sceptre. The best Carnation sent out in recent years. A seedling of Pink Delight; flowers as large as Surprise; color salmon-pink and wonderful keeper and good grower.....	3.00	20.00
Spectrum. A magnificent scarlet, large, vigorous and free flowering.....	2.00	12.00

The above prices are for rooted cuttings; Spring delivery; not less than 1 doz. supplied of any variety,

For the best new Carnations, see page 1

GREENHOUSE PLANTS

	2 1/4-in. pots Doz.	100	3-in. pots Doz.	100
ADIANTUM gloriosum. The hardest Maidenhair.....	.....	.....	\$7.50	.....
ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, feathery foliage.....	\$2.00	\$12.00	3.50	\$25.00
sprengeri. Fine for baskets.....	2.00	12.00	3.50	25.00
BEGONIA Glory of Cincinnati. A beautiful shade of pink.....	7.00	50.00	10.00	75.00
Gustav Knaake. Resembles Lorraine. Color crimson; wonderful for Christmas.....	3.00	20.00	.....	.....
Melior. A more vigorous type of Lorraine.....	7.00	50.00	10.00	75.00
Mrs. J. A. Peterson. Deep pink flowers with red foliage.....	7.00	50.00	10.00	75.00
Peerless. Red, bronze foliage.....	8.00	60.00	11.00	85.00
Winter Flowering. Hybrid type vars..... Each \$2.50, doz. \$25.00.....	.....	.....	.....	.....
BOUGAINVILLEA sanderiana. A free Easter flowering plant.....	3.00	20.00	4.50	30.00
BOUVARDIA. Single pink or white.....	3.00	20.00	.....	.....
BUDDLEIA asiatica. White.....	4.00	30.00	4.00	25.00
Farquhari. Pale pink.....	5.00	35.00	.....	.....
CALCEOLARIA, Mixed, hybrida gladiiflora	4.50	25.00	.....	.....
lymani. Cinnamon red.....	8.00	50.00	.....	.....
medfordi. Velvety maroon.....	8.00	50.00	.....	.....
stewarti. A bright yellow variety.....	8.00	50.00	.....	.....
CALENDULA, Selected, Double Orange King or Ball's 25 for \$3.00.....	.....	10.00	.....	.....
CHRYSANthemums. Standard varieties to name.....	2.25	15.00	.....	.....
CINERARIA, Marshall's Half Dwarf Hybrids	2.25	15.00	.....	.....
CYCLAMEN giganteum, Mixed	3.00	20.00	7.00	50.00
EUPHORBIA jacquiniæflora. A Christmas plant.....	5.00	30.00	.....	.....
GARDENIA veitchi (Cape Jasmine).....	5.00	35.00	10.00	70.00
MARGUERITE, Mrs. F. Sander. Double white..... 25 for \$4.00.....	.....	14.00	.....	.....
Boston Yellow Daisy 25 for \$4.00.....	.....	14.00	.....	.....
Mother's Favorite. Double white..... 25 for \$4.00.....	.....	15.00	.....	.....
MYOSOTIS, Matchless. A true Winter flowering variety.....	5.00	30.00	.....	.....
POINSETTIA, Oak Leaf. An improved variety which does not drop its lower leaves.....	4.00	30.00	.....	.....
PRIMULA obconica grandiflora	2.25	14.00	5.00	25.00
malacoides, American Legion. Large clear pink, yellow center.....	2.50	16.00	.....	.....
malacoides. Delicate lilac. Free flowering.....	2.25	12.00	5.00	25.00
malacoides, King Albert. Pink.....	2.25	12.00	.....	.....
malacoides lelandi. A beautiful lilac-pink with large yellow eye. Long, stiff stems for cutting.....	5.00	25.00	.....	.....
malacoides, Princess Mary. Bright pink.....	2.25	12.00	.....	.....
malacoides, Radio. Giant flowering, fringed, clear rose.....	2.25	15.00	.....	.....
malacoides, townsendi	2.25	15.00	.....	.....
sinensis fimbriata. Mixed colors.....	2.50	14.00	4.00	25.00
SMILAX. A popular greenhouse climber.....	2.50	12.00	.....	.....
SOLANUM, Cleveland Red. An improved Jerusalem Cherry.....	2.50	14.00	3.00	20.00
Cleveland Yellow. Yellow fruits.....	2.50	14.00	3.00	20.00
STEVIA serrata. Dwarf or tall.....	2.50	15.00	2.50	16.00
Double White	2.50	15.00	2.50	16.00
TABLE FERNS. In variety. For fern dishes and ferneries.....	2.50	15.00	.....	.....

Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.

VIOLETS

	Doz.	100
Marie Louise. Best double. Field grown roots of Violets (Fall delivery).....	\$4.00	\$30.00
Princess of Wales. Best single. Field grown roots of Violets (Fall delivery).....	4.00	30.00

Not less than 1 doz. of a variety supplied

Noteworthy Hardy Perennial Plants

ADENOPHORA *potanini*

A somewhat rare plant, closely related to the Campanulas, bearing drooping, bell-shaped flowers, pale blue in color, on branching stems. 2 ft. June-July. 3 for \$1.00, 10 for \$3.00.

ANEMONE *pulsatilla*

The Pasque Flower of Europe. Flowers single, blue or reddish-purple, about 2 in. across. Height 1 ft. April to May. 3 for \$1.00, 10 for \$3.00.

AQUILEGIA, Marshall's Pinks

A beautiful strain of nothing but clear pink colors. 3 for \$1.00, 10 for \$3.00.

ARABIS *alpina flore pleno*

Pure white double flowers adapted for rock gardens and borders. 6 in. high. April and May. 3 for \$1.00, 10 for \$3.00.

CAMPANULA *persicifolia* (Lavender Queen)

Large flowers of a lovely lavender blue. Height 2 ft. June and July. 3 for \$1.50, 10 for \$4.50.

CAMPANULA *persicifolia* (Telham Beauty)

Large, single blue flowers. A great improvement on the old *Persicifolia* type. Fine for cutting. 2½ ft. June-July. 3 for \$1.50, 10 for \$4.50.

CARNATION, Marshall's Giant Hardy Border

A beautiful strain of hardy pinks resembling the indoor carnation, blooming all Summer, flowers semi to full double. Excellent for cutting. Separate colors. Giant Pink, Giant Red, Giant White and Giant Yellow. 3 for \$1.00, 10 for \$3.00.

DIGITALIS, The Shirley

A giant variety of the Gloxinia-flowered type. Flower spikes 4 ft. long of purest white to deepest rose colors, handsomely spotted. 5 to 7 ft. June and July. 3 for \$1.00, 10 for \$3.00.

DRACOCEPHALUM *ruyschiana*

Recommended for those seeking something unusual. It forms a clump of many stems each one being thickly covered with purplish-blue, Salvia-shaped flowers in June. 18 in. 3 for \$1.50, 10 for \$4.50.

EUPHORBIA *corollata*

A valuable plant for cutting. Its small white flowers take the place of *Gypsophila paniculata* when that is past. 1½ to 2 ft. July and August. 3 for \$1.00, 10 for \$3.00.

GEUM, Lady Stratheden

The large double flowers are a rich golden color. Flowers the greater part of Summer and Fall. 2 ft. June-Sept. 3 for \$1.00, 10 for \$3.00.

GYPSOPHILA *paniculata* "Bristol Fairy"

A new, double-flowering Babysbreath. It flowers very early and continues until Fall. Field-grown, grafted plants. Each \$1.50, 3 for \$4.00.



Campanula persicifolia, Telham Beauty

INCARVILLEA *delavayi*

A showy plant for the hardy border, producing large Gloxinia-like, rose-colored flowers. Should be well protected in the Winter. 1½ ft. June. 3 for \$1.50, 10 for \$4.50.

SALVIA *virgata nemerosa*

Branching spikes of violet-blue flowers in a continuous succession from June until frost. 2 ft. 3 for \$1.00, 10 for \$3.00.

SENECIO *pulcher*

Striking, erect habit, large, red-purple flowers with yellow disc. 2 to 4 ft. July-August. 3 for \$1.00, 10 for \$3.00.

SIDALCEA, Rosy Gem

Pink Mallow-like flowers on slender, graceful stems. 2½ ft. July. 3 for \$1.00, 10 for \$3.00.

VIOLA, Jersey Gem

A valuable bedding Viola that will succeed in any good soil in sunny situation. Plant compact, growth sturdy with good stems, on which are pure violet flowers in great profusion. May to October. 3 for \$1.00, 25 for \$7.50, 100 for \$30.00.

YUCCA, Hacker's Variegated Leaf

The bayonet-like leaves are dark bronze-green at center, breaking up with minor stripes to a broad outer edge of yellow. Perfectly hardy. 2 for \$1.25, 10 for \$6.00.



Hardy Perennial Plants For Permanent Planting in Open Borders

Herbaceous plants should be used where a constant supply of flowers is desired, for, out of the large lists of herbaceous or perennial plants, such varieties may be selected as begin to flower very early, others that are almost continuous bloomers and some that continue to bloom even after frost sets in.

The approximate height of the Hardy Perennials in this catalog is represented in feet and inches and the flowering periods are taken in the vicinity of New York.

ACHILLEA Millefolium roseum. Pink flowers in compact heads. 2 ft. June-Sept.

filipendulina. Fern-leaved Yarrow; Milfoil. A showy variety with dense heads of yellow flowers. 3 ft. June, July.

Ptarmica Boule de Neige. Ball of Snow. An improvement on The Pearl with fuller and more perfect flowers.

Ptarmica, The Pearl. Double pure white flowers in great profusion. 2 ft. June-Sept.

ACONITUM autumnale (Monkshood). Showy blue, helmet-shaped flowers. 3 to 4 ft. Aug., Sept.

Fischeri. Strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.

Wilsonii. A tall variety from China, with violet-blue flowers. 5 to 6 ft. Sept.

All Aconitums, 50c. each, \$4.50 for 10.

AGROSTEMMA. See **LYCHNIS**.

ALYSSUM saxatile compactum (Rock Madwort, Golden Tuft). Compact masses of yellow flowers in early Spring. 1 ft. April, May.

AMSONIA Tabernæmontana. A strong, shrub-like plant, with spikes of delicate blue flowers. 2 ft. May, June.

ANCHUSA italica, Dropmore. Large, gentian-blue flowers. 4 to 5 ft. May-July.

—**myosotidiflora.** Bright blue Forget-me-not flowers. 10 to 12 in. May. 50c., 10 for \$4.50.

ANEMONE (Windflower). Japanese Anemones are among the best Autumn flowering plants. 2 to 3 ft. Sept., Oct.

japonica alba. Single, pure white.

elegantissima. Semi-double, satin-pink.

Montrose. Semi-double pink.

rubra. Single, reddish rose.

Whirlwind. Semi-double, white.

ANTHEMIS montana (Marguerite). One of the most satisfactory perennials; flowers creamy white. 2 ft. June-Oct.

tinctoria Kelwayi (Golden Marguerite). Rich yellow; fine for cutting. 2 ft. June-Oct.

AQUILEGIA cœrulea (Rocky Mountain Columbine). Large, blue and white, long-spurred flowers.

chrysantha (Golden-Spurred Columbine). Flowers fragrant, yellow. 2 to 3 in. across.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

AQUILEGIA—Continued

canadensis (American Columbine). A compact plant with red-and-yellow flowers.

Mrs. Scott Elliott Hybrids. There is not a better mixture grown in the world than by Mrs. Scott Elliott who has taken the highest awards at all the European exhibitions. Our stock is from seed, from this source, absolutely true strain.

Nivea grandiflora. A splendid robust growing large pure white

ARABIS alpina (Rock Cress). Adapted for rock gardens; pure white. 5 in. April, May.

ARTEMISIA Abrotanum (Southernwood, Old Man). Usually grown for its handsome, pleasant-scented leaves. 2 to 3 ft.

lactiflora. Large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept.

Stelleriana (Old Woman). Foliage deeply cut; silvery white; a fine plant for rockeries. 1½ ft.

ASCLEPIAS tuberosa (Butterfly Weed). Orange-scarlet. 2 ft. July, Aug.

ASPERULA odorata (Sweet Woodruff, Waldmeister). A sweet-scented herb; white. 6 to 8 in. May, June.

ASTER (Michlemas Daisy).

Climax. Large, soft mauve flowers with golden center. 5 to 6 ft. Sept., Oct.

Lil. Fardel. Rich, clear pink. 4 to 5 ft. Aug. Sept.

Maggie Perry. Large flowers of soft, rosy mauve. 4 ft. Sept., Oct.

Perry's Pink. Glistening, reddish-pink flowers, Sept., Oct.

Perry's White. Pure white, free flowering. 5 ft. Sept., Oct.

St. Egwin. Pink, compact habit. 3 ft. Sept.

Tataricus. Tall straight growth, large violet flowers. 6 ft. Oct.

White Climax. Pure white, large flowers. 5 to 6 ft. Sept., Oct.

ASTILBE Arendsii (New Hybrids). July.

Gruno. Salmon-pink. 3 to 4 ft. 50c.

Junio. Rosy-purple. 3 to 4 ft. 50c.

Salmon Queen. Soft salmon-pink. 4 ft.



HARDY PERENNIAL PLANTS—Continued

AUBRIETIA deltoidea. Fine for rockeries; dark violet. 6 in. April and May.

BAPTISIA australis (False Indigo). Has racemes of lupine-like flowers, dark blue in color. 3 to 4 ft. May-July.

BOCCONIA cordata (Plume Poppy). Creamy white flowers. 6 to 8 ft. July, Aug.

BOLTONIA asterioides. Has pure white, Aster-like flowers. 5 to 6 ft. Aug., Sept.

latisquama. Similar to the preceding, with pinkish lavender flowers. 5 to 6 ft. Aug., Sept.

—**nana.** A dwarf form. 3 ft. Aug., Sept.

CALLIRHOE involucrata (Poppy Mallow). An elegant trailing plant, with large, saucer-shaped flowers of deep rosy crimson, with white center. 1 ft. June-Sept.

CAMPANULA (Bellflower). These are among the most important of hardy plants.

carpatica (Harebell). Flowers large, erect, light blue. 5 to 7 in. July, Aug.

—**alba.** A white form of the above.

glomerata. Globular, dark blue flowers. 1½ ft. June, July.

medium (Canterbury Bells). In blue, rose or white. 2 ft. June.

—**calycanthema** (Cup-and-saucer. Canterbury Bells). In blue, lilac, rose and white.

persicifolia (Peach-leaved Bellflower). Large, cup-shaped blue flowers. 2 ft. June, July.

—**alba grandiflora.** White.

pyramidalis (Steeple Bellflower). Long spikes of blue flowers. 4 to 5 ft. Aug., Sept.

—**alba.** A white form of the above.

CARYOPTERIS incana, Mastacanthus (Blue Spiraea). Lavender-colored flowers. 3 to 4 ft. Sept., Oct.

CASSIA marilandica. Bright yellow, odd-shaped flowers. 5 to 6 ft. July-Sept.

CATANANCHE coerulea bicolor (Cupid's Dart). White flowers with slight suffusion of purple in center. 2 ft. June-Aug.

CENTAUREA dealbata. Compact habit; deep pink flowers. 1½ ft. July, Aug.

macrocephala. The most showy Centaurea, with large, thistle-like yellow flowers. 3 ft. July, Aug.

montana (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.

—**alba.** A fine white form of the above.

CEPHALARIA alpina (Roundheads). Very tall. Flower heads pale primrose-yellow. 5 ft. June, July.

CERASTIUM tomentosum (Snow-in-Summer). Bright, silvery foliage, with white flowers. 6 in. May, June.

See also Rock Plant list.

CHRYSANTHEMUMS, Hardy. These make a grand show late in the Fall; all colors. See page 57 for list of varieties. 2 to 3 ft. Sept.-Oct. 20c. each, \$2.00 for doz.

arcticum (Arctic Daisy). Multitudes of white, slightly tinged flowers, 2 in. wide. 12 to 18 in. Sept.-Nov.

maximum, Shasta Daisy. Large white flowers; blooms profusely all Summer.

CIMICIFUGA racemosa. Tall, hardy and ornamental; white racemes of flowers. 4 to 5 ft. June, July.

—**simplex.** Tall, graceful spikes of white flowers, lasting a long time when cut. 2 to 3 ft. Sept., Oct. 75c. each, \$7.00 for 10.

CONVALLARIA majalis (Lily of the Valley). May, June. Field grown clumps. 40c. each, \$3.50 for 10.

COREOPSIS lanceolata. Golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct.

DELPHINIUM (Larkspur). June till late Fall.

Belladonna. Large, semi-double flowers, sky-blue, tipped lilac; dwarf growing.

formosum. Dark blue, white center.

English Hybrids. From the palest to the deepest blues; single and double.

—**grandiflorum chinense** (chinense). Low-growing, with gentian-blue flowers.

—**alba.** A pure white form of the preceding.

DIANTHUS (Hardy Pinks). A very interesting and useful class of plants, blooming in early Spring.

Alwoodii. (Perpetual Flowering Pinks). A new race introduced from England. Tall branching habit. Very fragrant.

—**Mary.** Pale rose-pink with light maroon center.

—**Phyllis.** Delicate pale pink with light maroon center; very strongly scented.

—**Robert.** A delicate shade of old rose with light maroon center; very free.

The above three varieties, 35c. each.

barbatus (Sweet William). In separate colors; red, white and rose. 2 ft.

—**Newport Pink.** A distinct variety in this favorite flower, being a salmon-rose-pink.

—**Double Assorted Colors.** 2 ft.

deltoides (Maiden Pink). A dwarf variety with sprays of pink flowers. 8 in.

plumarius (Grass Pink). Single fringed flowers in mixed colors. 1 ft. June-July.

Hardy Pink Abbottsford. Deep rose. Double.

Hardy Pink Her Majesty. Pure white. Double.

Hardy Pink White Reserve. Pure white. Double.

DICENTRA formosa. Rose color, with finely divided foliage. 1 ft. May-Aug.

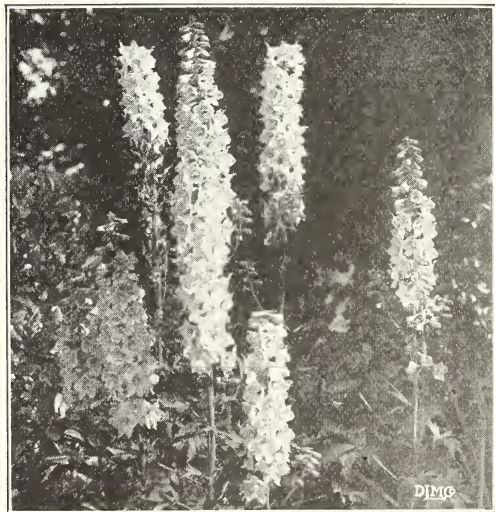
spectabilis (Bleeding Heart). Long, drooping racemes of rose-crimson; useful for forcing. 1½ ft. April-June. 75c. each.

DICTAMNUS fraxinella (Gas Plant). This is also called Burning Bush. 2 to 3 ft. June, July. 50c. each.

DIGITALIS (Foxglove). These old garden favorites produce bold masses of leaves and flowers.

lanata. Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.

purpurea gloxiniflora (Gloxinia-flowered Foxglove). Flowers spotted rose, purple and white. 2 to 3 ft. June, July.



Delphinium

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued

- ECHINACEA purpurea** (Purple Coneflower). Reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.
- ECHINOPS** (Globe Thistle). A showy plant, with globular heads of blue flowers.
- Ritro**. Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug.
- EREMURUS himalaicus**. Creamy white flowers borne in immense graceful spikes. 6 to 8 ft. May, June. Strong plants, \$4.00 each.
- robustus**. A very fine, strong growing variety, with rosy pink flowers. 6 to 10 ft. May, June. Strong plants, \$5.00 each.
- ERYNGIUM alpinum** (Sea Holly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug.
- amethystinum**. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept.
- planum**. Numerous small, blue heads of flowers on branching stems. 3 ft. July, Aug.
- EUPATORIUM coelestinum** (Mist Flower). A good hardy plant, with light blue flowers, similar to *Ageratum*. 2 ft. Aug.-Oct.
- purpureum** (Joe Pye Weed). Purple; fine for wild garden. 6 to 7 ft. July-Sept.
- urticifolium (ageratoides)** (White Snakeroot). White flowers; good for cutting. 4 to 5 ft. Aug., Sept.
- EUPHORBIA corollata** (Flowering Spurge). Pretty little white flowers. 2 to 3 ft. July, Aug.
- epithymoides (polychroma)**. Bears masses of chrome-yellow flowers in early Spring.
- FERNS, HARDY**. Valuable for planting in shady, moist situations and under trees where blooming plants will not thrive. As a rule they should be grown in a moist, shady and protected place, in a soil composed of rich loam and leafmold.
- Adiantum pedatum** (Hardy Maidenhair Fern).
- Aspidium acrostichoides** (Christmas Fern). An evergreen variety with deep green fronds about a foot high.
- Aspidium Filix-mass** (Male Fern). A rare evergreen type, growing about 2 ft. high in rich soil.
- Aspidium spinulosum**. Another evergreen variety growing 18 to 24 in. high.
- Asplenium angustifolium**. A charming Fern with light green, graceful fronds 1 to 3 ft. high.
- Asplenium Filix-femina**. A large, handsome Fern with finely cut foliage about 2 to 3 ft. high.
- Dicksonia punctilobula**. A variety which will grow in sun or shade, growing about 18 in. high. Where masses of Ferns are desired, this variety cannot be surpassed.
- Onoclea struthiopteris** (Ostrich Fern). A very handsome variety which resembles a palm, growing from 2 to 4 ft. high. A very good Fern for growing as a background for smaller varieties.
- Osmunda cinnamomea** (Cinnamon Fern).
- Osmunda regalis** (Royal Fern).
- FUNKIA**. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.
- cœrulea**. Purple flowers; large, green foliage.
- lanceifolia albo-marginata**. Leaves edged with white.
- undulata variegata**. It has ovate leaves, the margins deep green and center a beautiful creamy white.
- plantaginea grandiflora** (*F. subcordata grandiflora*). Large, pure white flowers and bold foliage make this a very attractive variety. 50c. each.
- JAILLARDIA grandiflora** (Blanket Flower). Yellow and orange-red. 1½ ft. May-Nov.
- GALEGA officinalis** (Goat's Rue). Rosy purple flowers. 3 to 4 ft.
- alba**. White flowers; fine for cutting. 3 to 4 ft. July.
- GENTIANA Andrewsii** (Closed, or Bottle Gentian). Flowers of a fine blue. 18 to 24 in. Aug., Sept.
- GERANIUM sanguineum**. Fire-red; very effective. 1 to 1½ ft. May-July.
- GEUM atrosanguineum** (Avens). Dark crimson. 1 to 2 ft. May-July.
- coccineum, Mrs. J. Bradshaw**. Double dark red flowers. 2 ft. June-Sept.
- Heldreichii**. Orange; one of the best; very free flowering; fine foliage. 1½ ft. May-July.
- GRASSES—**
- Arrhenatherum bulbosum folia variegata**. Leaves green and white; fine for edging. 6 to 8 in.
- Arundo Donax** (Great Reed). Grows 15 ft. and forms dense clumps. 35c. each, \$3.00 for 10.
- variegata**. Foliage creamy white and green. 6 to 8 ft. 35c. each, \$3.00 for 10.
- Elymus glaucous** (Blue Lyme Grass). Has narrow, glaucous silvery foliage. 3 ft.
- Eulalia gracillima univittata**. Foliage narrow, bright green, with a silvery midrib. 5 to 6 ft.
- japonica variegata**. Its long, narrow leaf-blades are striped green, white and often pink and yellow. 4 to 6 ft.
- japonica zebrina**. Very striking with leaves banded transversely with pale yellow. 5 to 6 ft.
- Festuca glauca**. A pretty dwarf grass, with tufts of fine, bluish green foliage. 1 ft.
- Phalaris arundinacea picta (arundinacea variegata)**. Variegated Ribbon Grass; Gardener's Garters. 2 to 3 ft.
- GYPSOPHILA paniculata** (Baby's Breath). Masses of minute, pure white flowers. 2 to 3 ft. June, July.
- flore-pleno**. Charming, double flowers borne on branched panicles in great profusion. July, Aug. 50c. each, \$4.50 for 10.
- acutifolia** (Chalk Plant). Rose-colored flowers. 3 to 4 ft. July, Aug.
- HELENIUM autumnale superbum** (Sneezeweed). A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.
- Hoopesii**. The earliest flowering of all the Heleniums and the only one with pure orange-colored flowers. 2 to 3 ft. May, June.
- Riverton Beauty**. Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.
- Riverton Gem**. Yellow, changing to red. 5 ft. Aug., Sept.
- HELIANTHUS** (Hardy Sunflower). The large flowers on long stems are fine for cutting.
- Maximilianii**. One of the latest blooming of all; clear yellow. 6 to 8 ft. Oct., Nov.
- mollis**. Thick, velvety foliage of a silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.
- orgyalis**. Graceful stalks, clothed with very long, willowy, drooping foliage; flowers deep lemon-yellow. 8 to 10 ft. Aug.
- Wolley Dod**. Very free flowering, bright yellow semi-double. 6 to 7 ft. Sept.
- HELIOPSIS Pitcheriana**. The flowers are deep golden yellow, about 2 in. in diameter. 3 to 4 ft. July-Sept.
- HEMEROCALIS flava** (Lemon Lily). Flowers lemon-yellow, sweet-scented. 3 ft. May.
- fulva Kwanso**. Large, double flowers of a rich bronze orange. 2 to 3 ft. June-Aug.
- Middendorffii**. Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July.
- Thunbergii**. Flowers lemon-yellow, very fragrant. 3 ft. July, Aug.
- HEUCHERA sanguinea**. The bright crimson flowers are borne in long, graceful, arching sprays. 1½ ft. May-Sept.
- hybrida**. Assorted colors. 1½ ft. May, Sept.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued

HOLLYHOCK rosea. 5 to 6 ft. July, Aug.

Single. In crimson, rose, salmon, white or yellow colors.

Double. In carmine-rose, crimson, yellow, rose-salmon and white colors.

HIBISCUS Hybrids. The flowers range in color from white to intense crimson. 5 to 8 ft. July-Sept. 2-yr., each 35c., 10 for \$3.00; 3-yr., each 50c., 10 for \$4.50; 4-yr., strong clumps, 75c. each, 10 for \$6.50.

HYPERICUM Moserianum (Gold Flower). Beautiful golden yellow flowers, with crimson stamens. 1½ ft. June-Sept.

INULA ensifolia (Fleabane). Yellow; small flowers, 8 in. July-Sept.

glandulosa. Old-gold; pretty. 3 to 4 ft. July, Aug.

IRIS germanica (Garden Iris). See Fall catalogue.

IRIS Kaempferi (Japanese Iris). See Fall Catalogue.

LATHYRUS latifolius (Everlasting Pea). Flowers rose-colored, large, on many-flowered stems, similar to the annual Sweet Pea. 3 ft. June-Aug.

—**albus.** A variety of the preceding, with white flowers. A very desirable plant. 3 ft. June-Aug.

—**White Pearl.** With pure white flowers, which are double the size of the ordinary Lathyrus. 2 to 3 ft. June-Aug. 35c. each, \$3.00 for 10.

LAVANDULA vera (Sweet Lavender). Fragrant blue flowers. 1½ ft. July-Sept.

LIATRIS pycnostachya (Kansas Gay Feather). Flowers purple, in dense spikes. 4 to 5 ft. July, Aug.

spicata (Button Snakeroot). Spikes 6 to 15 in. long; purple. 2 to 3 ft. July-Sept.

LINUM perenne (Flax). A lovely plant, with blue flowers. 1½ ft. May-Aug.

—**album.** A white form of the above.

LOBELIA cardinalis (Cardinal Flower). Flowers intense scarlet. 3 ft. July, Aug.

syphilitica. Fine spikes of blue flowers. 3 ft. Aug., Sept.

LUPINUS polyphyllus (Lupine). Deep blue, pea-shaped. 3 to 4 ft. June, July.

—**albiblorus.** A white form of the above.

—**Mørheimii.** Color soft rose. June, July.

LYCHNIS chalconica. Flowers bright scarlet, in dense clusters. 2 ft. June, July.

Coronaria (Agrostemma Coronaria). Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July.

viscaria splendens flore-pleno. A fine variety, with double, crimson flowers. 1 ft.

LYTHRUM Salicaria roseum, Perry's Variety. A most beautiful shade of cherry red. 2 to 3 ft. July-Sept.

—**Rose Queen.** A remarkably free-blooming variety, with long, graceful spikes of rosy pink flowers. 2 to 3 ft. July-Sept.

—**roseum superbum** (Purple Loosestrife). Tall spikes of rosy purple. 3 to 4 ft.

LYSIMACHIA clethroides (Japanese Loosestrife). A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July-Sept.

Nummularia (Creeping Jenny). Moneywort.

MALVA moschata (Musk Mallow). Flowers rose; sweet scented. 1 to 2 ft. June-Sept.

—**alba.** A charming plant; flowers white. 1 to 2 ft. June-Sept.

MERTENSIA virginica (Virginian Cowslip). Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May, June.

MONARDA didyma. Compact heads of bright red flowers. 3 ft. June-Aug.

didyma, Cambridge Scarlet. Next to the scarlet lobelia, the most brilliant of our wild flowers.

didyma violacea superba. Deep amaranth-red.

MYOSOTIS palustris semperflorens (Forget-me-not). Color blue; good for shady spots in the rock garden. 10 in. May-Sept.

NEPETA hederacea (Glechoma). Blue; a beautiful evergreen plant of creeping habit; fine for rockwork. 5 in. May, June.

For other varieties see Rock Plant List.

GENOTHERA fruticosa major (Evening Primrose). Bright yellow flowers. 2 ft. June.

missouriensis. Large, yellow flowers. 10 in. June-Aug.

PAPAYER nudicaule. White, yellow, orange. 9 in. May-Aug.

orientale. 2 to 3 ft. May, June.

Grossfurst. Dark red. 3 ft. May, June. 40c.

Mrs. Perry. Pink. 3 ft. May, June. 40c.

Perry's White. White. 3 ft. May, June. 40c.

Princess Victoria Louise. Soft salmon-pink.

PENTSTEMON barbatus Torreyi (Beard Tongue). Tall spikes of brilliant scarlet flowers. 4 ft. June-Aug.

Digitalis. White, tubular flowers with purple throat. 2 ft. July, August.

PEONIES. See special Fall List.

PHLOX, PERENNIAL. Phloxes are among the very showiest and most valuable of all hardy plants, and, by growing a complete collection, they can be had in bloom from early June until late Fall. 2 to 3 ft. June-Oct.

New and Rare Varieties

Antoine Mercier. Pure white, lilac center. 35c.

B. Comte. Satiny amaranth. 35c.

Australia. Brilliant, dark carmine-violet. 35c.

Elizabeth Campbell. Very large spikes of salmon-pink. 35c.

Europe. White, with crimson eye. Very large. 50c.

Frau Anton Buchner. Pure white, with flowers of enormous size. 35c.

Geo. A. Strohleim. Bright scarlet-orange, with carmine eye. 35c.

Mme. M. Van Hoboken. The finest pink and a most consistent bloomer. 60c.

Mrs. Scholten. Very fine rose color and one of the best. 60c.

Thor. Deep salmon-pink, suffused scarlet. 35c.

Wanadis. Lilac-blue, with violet eye. 35c.

Widar. Violet-blue; white eye; very fine. 35c.

W. C. Egan. Delicate lilac, with red eye. 35c.

The following varieties can be supplied at 30c. each, \$2.50 for 10:

Adonis. Rosy-salmon, carmine center.

Champ Elysees. Dark purple, large trusses.

Gen. Van Heutz. Salmon red, white center.

Jeanne d'Arc. Snow-white; very late.

Miss Lingard. Pure white, with pale pink center.

A continuous bloomer.

Rhynstroom. Deep pink.

Tapis Blanc. The finest of all dwarf white Phlox. Enormous size.

DWARF OR CREEPING PHLOX.

subulata alba. Flowers large; white.

—**atropurpurea.** Purplish rose.

—**lilacina.** Light blue.

PHYSALIS Franchetii (Chinese Lantern Plant). Enormous orange-colored fruits; useful for Winter decorating. 2 ft. April, May.

PHYSOSTEGIA virginiana (False Dragonhead). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.

—**alba.** Flowers pure white. 2 to 3 ft. June, July.

PLATYCODON grandiflorum (Balloon Flower). A dense branching plant of upright habit; flowers 3 in. across, blue. 1 to 2 ft. June, July.

—**album.** A white flowered form of the above.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued

POTENTILLA HYBRIDS (Cinquefoil).

Doctor Andre. Semi-double, yellow, red; veined and margined. 2 ft. June, July.

Don Quixote. Soft yellow, splashed scarlet.

Monsieur Rouillard. Crimson edged yellow.

Mont d'Or. Yellow.

MacNabiana. Double; rich crimson.

Plantii. Flowers single; red.

50c. each, \$4.50 for 10.

PRIMULA acaulis (*vulgaris*) (Common English Primrose). Bright lemon yellow and fragrant. 6 to 9 in. April, May.

PYRETHRUM. Single mixed varieties.

POLYGONATUM multiflorum (Solomon's Seal). Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June.

POLYGONUM Sieboldii. A strong-growing plant. Produces creamy white flowers; effective for massing. 3 to 5 ft. Aug., Sept.

RUDBECKIA laciniata, **Golden Glow** (Cone-flower). Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.

maxima. Has immense grayish-green leaves and bright yellow flowers on long stems. 4 to 6 in. across. 6 to 8 ft. June-Sept.

speciosa (*Newmannii*). Dark orange-yellow flowers; fine for cutting. 2 ft. June-Oct.

subtomentosa. Densely branched masses of brilliant lemon-yellow flowers with dark purple centers. 4 to 5 ft. July-Oct.

SALVIA azurea grandiflora. A Rocky Mountain species, with pretty sky-blue flowers. 3 to 4 ft. Aug., Sept.

pratensis. Deep blue flowers. 2 ft. June, July.

nemorosa (*virgata nemorosa*). An effective border plant, with dark blue flowers. 2 ft. May, June. 50c.

SCABIOSA caucasica. Beautiful, soft lilac flowers, vigorous grower. 2 to 3 ft. June-Aug. 50c.

—**alba.** Very rare; pure white; 2 to 3 ft. 50c.

SCABIOSA—Continued

japonica. Divided leaves, branching habit. Lavender-blue. 3 ft. June to Aug.

SEDUM acre (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July.

album. Foliage green; flowers white. 2-3 in.

Sieboldii. Foliage changing from blue and cream to coral-rose; flowers rose-pink. 9 in. Aug.-Sept.

spectabile (Stonecrop). Large heads of pink flowers. Fine border plant. 1½ ft. Aug.-Sept.

For other varieties see Rock Plant List.

SPIRÆA Filipendula. White. 2 ft. June, July.

Ulmaria fl. pl. Double white. 2 ft. June, July.

STACHYS lanata. Purple spikes of flowers; soft silvery foliage. 1½ ft. June, July.

STATICE latifolia (Sea Lavender). Fine spreading panicles of lavender flowers.

STOKESIA cyanea (Cornflower Aster). Flowers 3 to 4 in. across, of a fine sky-blue. 2 ft. July-Oct.

—**alba.** A white form of the above.

SWEET WILLIAM. See *Dianthus*.

THALICTRUM aquilegifolium (Meadow Rue). Graceful foliage and masses of pure white flowers. 1 to 3 ft. May-July.

—**adiantifolium.** Leaves resemble those of the maidenhair fern; flowers yellow. 1 ft. June, July.

dipterocephalum. One of the handsomest *Thalictrums*, with graceful flowers on stems 4 ft. high; rosy purple, citron-yellow anthers. Aug., Sept.

THERMOPSIS caroliniana. A fine plant with clover-like foliage; long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July.

THYMUS citridorodorus aureus. Golden variegated foliage. 8 in. June-Aug.

TRADESCANTIA virginiana (Spiderwort). Long, grass-like leaves, violet flowers. 2 ft. May-Aug.

—**alba.** White flowers. 2 ft. May-Aug.

TRITOMA Rufa. A very dainty yellow flower; a constant bloomer from June until frost; fine for cutting. 2½ ft. June to Nov. 40c.

—**grandis** (T. Pfizeri). The freest flowering of all; orange-scarlet, shading to salmon-rose at the edge. 2 to 3 ft. Aug., Sept.

TROLLIUS europæus (European Globe Flower). A pretty plant, with large, lemon-colored, buttercup-like flowers, 1 to 1½ in. across, on long stems. Should be planted in moist soil. 2 ft. May, June.

Orange Globe. A profuse bloomer, of robust growth; large orange flowers; very fine. 2 ft. May, June.

All *Trollius* 50c. each, \$4.50 for 10.

VALERIANA officinalis (Hardy Garden Heliotrope). Fragrant, light pink flowers. 3 to 5 ft. June, July.

VERBASCUM longiflorum pannosum (Mullein). Clear yellow, very ornamental; fine large, silvery foliage. 6 ft. June-Aug.

olympicum. Yellow flowers. Very attractive variety. 8 ft. May, June.

phoeniceum. Purple and pink flowers. 2 ft. June, July.

thapsiforme (*densiflorum*). Large, yellow flowers. 2 to 5 ft.

VERONICA (Speedwell). All *Veronics* love moist situations and are excellent for rockwork.

incana. Deep blue flowers with silvery foliage. 1 ft. July, Aug.

longifolia subsessilis (Blue). Attractive; blooms until late Fall. 2 ft. Aug., Sept.

spicata. Spikes of blue flowers. 1½ ft. June, July.

VINCA minor (Periwinkle). Evergreen trailer; fine for covering bare places. April, May.

VIOLA cornuta G. Werning. This is a true *Viola cornuta*, with large blue flowers.

VIOLA. Tufted Pansies.

Admiration. Soft purple, dark blotched.

lutea splendens. Golden yellow.

White perfection. White.

YUCCA filamentosa (Adam's Needle). Pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.



Thalictrum Aquilegifolium

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

Hardy Vines and Climbers

ACTINIDIA arguta. Shining, dark green foliage. Flowers white, with purplish center. Pot grown plants.....\$1.50 each

AKEBIA quinata. Numerous bunches of violet-brown flowers; does best in sunny places. Strong, pot grown plants.....75c. to \$1.00 each
Field grown plants.....50c. each

AMPELOPSIS heterophylla. Well adapted for covering rocks and low trelliswork. Field grown plants.....50c. each
Pot grown plants.....75c. each

quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall. Field grown plants, 5 to 7 ft.....50c. each
Pot grown plants, strong, 5 to 6 ft.....\$1.00 each

Engelmannii. Similar to the preceding, with smaller and more dense foliage. Field grown plants, 5 to 7 ft.....50c. each
Pot grown plants, strong, 5 to 6 ft.....\$1.00 each

tricuspidata Lowii (Lowii) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn. Pot grown plants, \$1.00 each.

Veitchii (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field grown plants, 2-yr., 50c. each, \$4.50 for 10
Field grown plants, 3-yr., 75c. each, \$7.00 for 10
Pot grown plants.....\$1.00 each, \$9.00 for 10
Extra strong pot grown plants, \$1.50 each, \$14.00 for 10.

ARISTOLOCHIA Sipho (Dutchman's Pipe). A vigorous and rapid flowering climber. Pot grown plants.....\$1.00 each

BIGNONIA (Tecoma) grandiflora (Chinese Trumpet Vine). Orange-red flowers. True grafted plants.....\$2.00 each

radicans (Common Trumpet Vine). Brilliant orange-scarlet flowers in July and August. Pot grown plants.....75c. each

CELASTRUS scandens (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers. Field grown plants.....50c. each, \$4.50 for 10

CLEMATIS. Beautiful and attractive vines.

Jackmanii. One of the best; large, rich, velvety purple flowers in profusion.

Henryi. Large, creamy white, fine form.

Mme. Edouard Andre. Bright red flowers. Pot grown plants of above. \$1.50 each.

paniculata (Japanese Virgin's Bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

EUONYMUS radicans. Very hardy, dense growing, trailing vine; dull green leaves, with whitish veins. Field grown plants.....50c. each, \$4.50 for 10
Pot grown plants.....75c. each, \$6.50 for 10

Strong, pot grown plants.....75c. each, \$7.00 for 10

variegatus. Fine vine, with clinging tendrils. Compact, variegated, small leaves. Field grown plants.....50c. each, \$4.50 for 10
Strong, pot grown plants.....75c. each, \$7.00 for 10

vegetus. Has round leaves and produces an abundance of showy red fruits with yellow pods. Field grown plants.....50c. each, \$4.50 for 10
Strong, pot grown plants.....\$1.00 each, \$9.00 for 10

HEDERA helix (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy. Pot grown plants.....50c. each, \$4.50 for 10
Extra strong plants.....75c. each, \$6.50 for 10

Specimens with many branches trained on sticks. 4 to 5 ft.....\$2.00 each, \$18.00 for 10
5 to 6 ft.....\$3.00 each, \$27.00 for 10
6 to 7 ft.....\$4.00 each, \$36.00 for 10

HUMULUS Lupulus (Hop Vine). The Hop has fine, large, three-lobed leaves, rough on both sides. Pot grown plants.....50c. each



Lonicera Halliana

—LONICERA japonica aureo-reticulata. Handsome foliage, netted and spotted bright yellow.

2-year plants. 50c. each, \$4.50 for 10, \$35.00 per 100

—Halliana (Hall's Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

2-year plants. 40c. each, \$3.50 for 10, \$30.00 per 100

POLYGONUM baldschuanicum. A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers.

Pot grown plants.....\$1.00 each

PUERARIA Thunbergiana (Kudzu Vine). A most remarkable rapid growing vine, unparalleled for ornament and shade.

2-year plants.....35c. each

3-year plants.....50c. each

Strong, pot grown plants.....70c. each

SCHIZOPHRAGMA hydrangeoides (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot-grown plants.....\$2.50 each

Extra strong plants.....\$4.00 each

TECOMA. See *Bignonia*.

WISTERIA macrobotrys (multijuga) (Japanese Loose-clustered Wisteria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 ft. in length. \$1.00 each; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

—alba (multijuga alba). Very rare; large, white clusters of flowers. \$1.00 each, \$9.00 for 10; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

sinensis (chinensis) (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters. 75c. each; pot grown plants, \$1.00 to \$3.00 each; specimens in tubs, \$4.00 to \$10.00 each.

—alba (chinensis alba) (White Chinese Wisteria). A choice variety with white flowers. 75c. each; pot grown plants, \$1.50 to \$3.00 each; specimens in tubs, \$4.00 to \$5.00 each.



ROSES—Hybrid Tea, or Everblooming

This selection will produce a mass of Roses to cut from the entire season. The plants are American, two-year-old, and the varieties are the very best for outdoor culture; invaluable either for display or cutting and are hardy with protection.

Being almost as hardy as the June Roses, they can be treated in a similar way with regard to pruning. All strong, American two-year-old field grown plants, \$1.00 each, \$9.00 for 10.

SUGGESTIONS FOR SPRING PLANTING OF ROSES

The soil should be thoroughly cultivated and a liberal supply of rotted manure added. In planting, dig a hole sufficiently large to accommodate the roots when spread out on the bottom of the hole. In filling in the soil, shake the plant lightly in order that the soil may mix between the roots. Fill in the soil and firm it in order that the plant may be solid. Be sure to see that the lower parts of the lower branches are below the surface of the soil. Do not plant in a mound, the surface should be level. Cut back the branches to within 4 to 6 inches of the surface of the ground. With this treatment the best results may be obtained.

PINK AND ROSE SHADES

Columbia. A large beautiful pink.

Killarney Queen. A distinct clear pink.

Konigin Carola. A satin-rose with silvery reflexes, very large, pointed buds, slightly fragrant.

Lady Alice Stanley. Deep coral rose on the outside of the petals, pale flesh on the inside.

Lady Ashtown. Pale carmine-pink, shading to golden yellow at base of petals.

La France. Bright pink flowers with curled petals showing silvery tints. Very fragrant.

La Tosca. Silvery pink with deeper center, large, full flowers.

Los Angeles. A luminous flame pink, toned with coral and shaded with translucent gold.

Mme. Butterfly. Bright pink apricot and gold. Large buds and flowers.

Mme. Caroline Testout. Bright, satiny rose, with brighter center; free flowering.

Mme. Segond-Weber. Beautiful rosy salmon.

Miss Cynthia Forde. Large flowers of deep, brilliant rose-pink, with light rosy pink reflex.

Mrs. Henry Morse. A lovely pink, shaded salmon, deeper at the base.

Ophelia. Delicate rose, heavily flushed but opening to a salmon flesh shaded with rose.

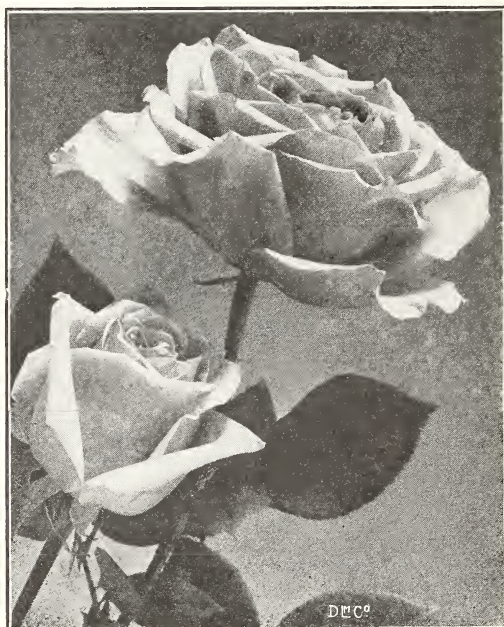
Premier. A handsome dark pink. The large full blooms are an exquisite pure rose-pink which is very lasting.

Radiance. Beautiful carmine rose flushed with copper; large round flowers.

Rose Marie. Clear rose-pink flowers of large size; one of the finest Roses.

Secretaris Zwart. Rose, shaded salmon.

Souvenir de Georges Pernet. Brick-red buds, opening to terra cotta pink. Each \$1.50.



Rose, Premier

Willowmere. Coral-red buds opening to shrimp-pink.
William F. Dreer. Beautiful, shell-pink petals, with golden yellow bases.

SCARLET, CARMINE AND CRIMSON SHADES

Chateau de Clos-Vougeot. Soft, velvety scarlet opening to a deep crimson.

Etoile de France. A soft, velvety crimson, with a vivid shade of cerise.

Francis Scott Key. A glorious rose of blazing red. Perfectly formed, large size, fragrant.

General Superior Arnold Janssen. Light crimson.

General MacArthur. Bright crimson; large, free flowering; highly perfumed; very hardy.

George C. Waud. Distinct orange-red, with fine scent; large, full and well formed; very profuse.

Gruss an Teplitz. Brightest scarlet crimson; satiny texture; very free flowering.

H. V. Machin. Intensely black-grained, scarlet-crimson blooms carried on rigid flower stalks.

Jonkheer J. L. Mock. Carmine, changing to imperial pink. A variety of distinct merit.

Laurent Carle. Brilliant, velvety carmine.

Mme. Edouard Herriot (Daily Mail Rose). Coral-red, shaded with yellow and bright rosy scarlet, passing to shrimp-red.

Red Radiance. Color deep red. The enormous, globular flowers are borne on heavy canes.

PURE WHITE AND WHITE SHADES

Edel. A wonderful Rose, producing white flowers that open ivory-white.

Kaiserin Auguste Viktoria. White, shading to primrose. A fine Rose; very vigorous.

Killarney, Double White. Very fine form, of pure delicate appearance.

Innocence. Very large, single, pure white flowers, with prominent large, orange-red stamens. A strong upright grower. Each \$2.00.

Mme. Jules Bouche. Handsome white blooms, with centers shaded primrose.

Miss Willmott. White flowers of enormous size.

Any of above varieties, except where priced, each \$1.00, 10 for \$9.00.

Roses, Hybrid Tea and Everblooming—Continued

YELLOW, SALMON, COPPER SHADES

Betty. Flowers ruddy gold; very large.

Constance. Orange buds, streaked crimson, developing large, rich yellow flowers.

Duchess of Wellington. Flowers saffron-yellow, which become deep coppery yellow as they open.

Golden Emblem. A most desirable truly yellow Rose.

Golden Ophelia. Golden yellow in center, paling slightly at outer petals.

Harry Kirk. Clear yellow, sweetly perfumed.

Independence Day. Flame-colored flowers, show also petals of gold and apricot.

Louise Catherine Breslau. Large, oval bud of coral-red, shaded chrome-yellow.

Any of the above varieties, except where priced, \$1.00 each, \$9.00 for 10.

Mme. Leon Pain. Inside of petals light silvery salmon, salmon-pink on outside.

Miss Lolita Armour. Chrome-yellow at base, shading to orange and copper hues.

Mme. Ravary. Golden yellow buds, opening to very large, orange-yellow flowers.

Mrs. Aaron Ward. The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.

Padre. Copper-scarlet with bright yellow at base of petals. Each \$1.50.

Rev. F. Page-Roberts. Copper-red buds of great length, opening to golden yellow. Each \$2.00.

Souvenir de Claudius Pernet. Fine buds of fadeless yellow. Each \$1.50.

Hybrid Perpetual, or Remontant Roses

These are commonly called the June Roses, owing to their greatest crop being borne in that month. Require hard pruning annually. Our list of varieties is selected with a view to suit all lovers of the Rose who desire the best.

Extra strong, 2-year-old, field grown plants, \$1.00 each, \$9.00 for 10.

American Beauty. Deep pink to soft carmine.

Baroness Rothschild. Superb rose, of rich satiny pink.

Frau Karl Druschki. Fine snow-white; vigorous grower and very hardy.

General Jacqueminot. Brilliant scarlet-crimson superb flower.

George Arends. Strong grower with delicate pink flowers.

Hugh Dickson. Crimson, shaded scarlet.

J. B. Clark. Intense deep scarlet.

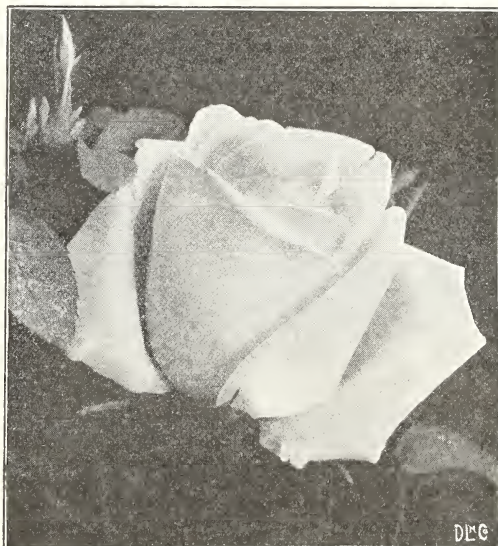
Magna Charta. Bright pink, suffused with carmine; a beautiful Rose.

Mrs. John Laing. Immense blooms of soft clear pink. A strong grower.

Paul Neyron. Deep rose; largest of all Roses; fine foliage.

Ulrich Brunner. Bright, cerise red; flowers large.

Any of the above Roses, \$1.00 each, \$9.00 for 10.



Rose, Frau Karl Druschki

Climbing and Trailing Roses

This class is easily distinguished by their peculiar habits. They may be grown either on trellis, pergolas, or used in covering banks. The Roses in this class mostly flower in clusters.

Strong, 2-year-old plants, \$1.00 each, \$9.00 for 10.

Alida Lovett. Bright shell-pink flowers of Hybrid Tea size and quality, lightly shaded with sulphur yellow at base of petals.

Aviateur Bleriot. Saffron buds and flowers streaked with crimson in small clusters.

Bess Lovett. Resembles Climbing American Beauty in shape of bloom, but is very much brighter in color and more fragrant.

Climbing American Beauty. Fragrant flowers of a rich crimson color.

Crimson Rambler. Small, ruffled flowers of dazzling scarlet-red borne in giant sprays on a strong growing plant.

Dorothy Perkins (Hybrid Wichuraiana). Soft light pink, flowers profusely in large clusters.

Dr. W. Van Fleet. The long pointed buds are of a rich flesh-pink on long stems; vigorous grower.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

Emily Gray. Golden yellow flowers like Marechal Neil. Very fragrant.

Excelsa (Wichuraiana) Intense crimson, with lighter edges, fine foliage.

Gardenia. Pleasing yellow buds, turning lighter when opening.

Hiawatha (Single Wichuraiana). Brilliant scarlet flowers in large clusters; most brilliant and effective.

Paul's Scarlet Climber. It is a vivid scarlet, shaded with bright crimson.

Roserie. A thornless Rose of deep pink.

Silver Moon. Semi-double, pure white flowers with bright yellow stamens; very profuse bloomer.

Tausendschoen (multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large.

Dwarf Polyantha Roses

The Polyanthas are a charming class of everblooming Roses, of a dwarf, bushy habit.

Ellen Poulсен. The flowers are large size and brilliant pink in color.

Greta Kluis. A lovely shade of deep carmine-pink, passing to a glowing carmine-red.

Gruss an Aachen. Large flowers of flesh pink overlaid with cream yellow; deep pink at base.

Miss Edith Cavell. A brilliant scarlet color.

Orleans. Brilliant geranium-red, tinted pink, with creamy white centers.

Triomphe Orleanais. A bright, cerise-red.



Rosa Hugonis

Moss Roses

The Moss Roses are very fragrant and bloom profusely in June.

Blanche Moreau. Pure snowy white.

Crested Moss. Pale, rosy pink, beautifully crested.

Red Moss. The color is a clear red, heavily mossed with deep green.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

STANDARD ROSES

We can supply many of the leading varieties in standard or tree form. Each \$3.50.

MISCELLANEOUS ROSES

Cabbage Rose. An old favorite. Large, full, rosy-pink, sweet scented flowers. Hardy and rugged. \$1.00 each.

Persian Yellow. Double yellow flowers in great profusion in Spring. 75c. each.

Rosa Hugonis. Fine for shrub planting, as it reaches a height of 6 ft. when fully matured. The long, arching branches are thickly set with the lovely single yellow flowers in May, and it is one of the earliest Roses to bloom. Makes a most spectacular show. Never winterkills.

Rosa rugosa, Conrad F. Meyer. A clear, silvery-pink, with double flowers. 75c. each.

Rosa rugosa, F. J. Grootendorst. A continuous bloomer bearing red, double flowers in clusters. \$1.00 each.

Rosa Wichuraiana (Memorial Rose). Single. A handsome Rose for covering banks and rockeries. Fragrant, white flower clusters; half evergreen, glossy foliage. 75c. each.

Rugosa Nova Zembla. Large double sweet-scented, nearly white in color. 75c. each.

GREENHOUSE ROSES

The Roses we offer for greenhouse culture are grown by reliable growers on grafted stock only. We guarantee fine, healthy stock will be sent on all orders entrusted to our care.

Briarcliff. The color is more brilliant than Columbia, without the salmon undertones, being a true rose-pink.

Mrs. F. R. Pierson. A wonderful new Rose. A fine sport of Premier with all its sterling qualities.

Senator. A wonderful new dark scarlet rose without the slightest trace of blue. Bud is long, pointed and well formed, fragrance wonderful.

Souvenir de Claudius Pernet. A beautiful yellow Pernetiana Rose. Grafted on Rosa odorata.

Grafted stock of the above, 2½-in. pots, Doz. \$9.00, 100 \$65.00.

Commonwealth. A beautiful dark pink.

Mrs. Calvin Coolidge. The new golden yellow.

Premier. Rose pink, free and easy grower.

Templar. A clear bright red; very fragrant.

Grafted stock only. 2½-in. pots, doz. \$7.00, 100 \$50.00; 3-in. pots, doz. \$9.00, 100 \$65.00.

Columbia. Pleasing rose pink.

Crusader. Rich velvety crimson.

Double White Killarney. The best white.

Golden Ophelia. A bright yellow.

Hadley. Velvety crimson. Very fragrant.

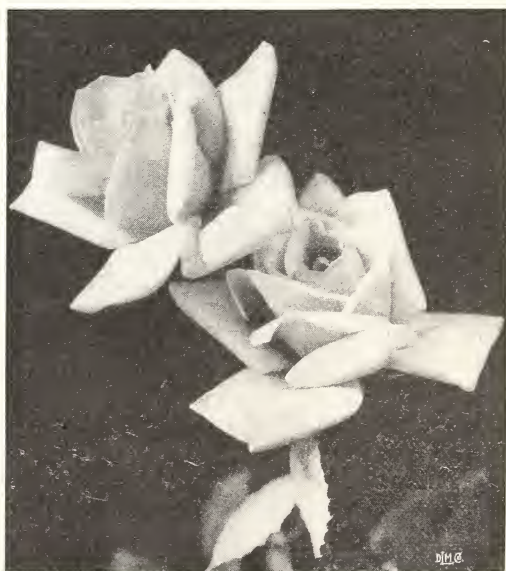
Mrs. Aaron Ward. A rich yellow.

Mme. Butterfly. Bright pink, apricot and gold.

Ophelia. Clear salmon pink.

Grafted stock only. 2½-in. pots, doz. \$6.00, 100 \$45.00; 3-in. pots, doz. \$8.00, 100 \$55.00.

Greenhouse Roses ordered in advance will be shipped in due season for planting.



Ophelia



Flowering and Foliage Shrubs

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want, not merely height. We will send out only plants that are sure to give ultimate satisfaction. We have larger specimen plants, and if ordered, will supply them at proportionate rates.

ALTHAEA (Rose of Sharon). Strong, erect growing shrub of symmetrical habit. Very desirable for flowering all Summer.

Double Pink, Purple, Rose, or White.

2 to 3 ft.....75c. each, \$6.50 for 10
3 to 4 ft.....\$1.00 each, \$9.00 for 10

AMELANCHIER canadensis (Dwarf Juneberry).

White flowers in early Spring before the leaves.

2 to 3 ft.....\$1.00 each
3 to 4 ft.....\$1.50 each

AMYGDALUS chinensis alba flore pleno (Double White Flowering Almond).

3 ft.....\$1.50 each

—rosea plena (Double Pink Flowering Almond).

3 ft.....\$1.50 each

ANDROMEDA catesbaei. A valuable shrub for planting under trees, on the margins of woodland drives and in other shady positions. Flowers are fine white and are borne on long, pendulous racemes, with a characteristic fragrance.

15 to 18 in.....\$2.00 each, \$17.50 for 10
1½ to 2 ft.....\$3.00 each, \$27.50 for 10

AZALEA amoena. Evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple.

12 to 15 in.....\$2.50 each
15 to 20 in.....\$4.00 each
Specimen plants.....\$5.00 to \$10.00 each

hinodegiri. A bright scarlet form of the well-known and charming Azalea amoena.

12 to 15 in.....\$3.50 each
15 to 18 in.....\$5.00 each

vicosa (Swamp Honeysuckle). White, fragrant flowers in June and July.

12 to 18 in.....\$2.50 each, \$20.00 for 10

BENZOIN aestivale (Spicewood). Tall spreading bush with red berries in Summer and Autumn.

2 to 3 ft.....60c. each, \$5.00 for 10
3 to 4 ft.....75c. each, \$6.00 for 10

BERBERIS thunbergi (Barberry). A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in Autumn.

1½ to 2 ft....50c. each 2 to 3 ft.....75c. each

thunbergi atropurpurea (Red-leaved Barberry).

The foliage is a rich bronzy-red with scarlet berries in the Fall. Should be planted in full sun exposure for best coloring.

1 yr. old plants.....75c. each, \$7.00 for 10

Box Barberry. A perfectly hardy edging plant.

8 to 12 in.....\$4.00 per 10, \$40.00 per 100

12 to 15 in.....\$5.00 per 10, \$50.00 per 100

15 to 18 in.....\$6.00 per 10, \$60.00 per 100

BUDDLEIA magnifica (variabilis magnifica).

Purple-lilac flowers borne in long, graceful panicles, commencing to open in Midsummer and continuing until frost. 2 to 3 ft.....50c. each

CALYCANTHUS floridus (Sweet Scented Shrub).

2 to 3 ft.....75c. each 3 to 4 ft....\$1.00 each

CERCIS canadensis (Japan Judas Tree, or Redbud).

2 to 3 ft.....75c. each, \$7.00 for 10

3 to 4 ft.....\$1.00 each, \$9.00 for 10

CHIONANTHUS virginica (White Fringe). One of the most decorative of all the flowering shrubs.

2 to 3 ft....\$1.50 each 3 to 4 ft....\$2.00 each

CLETHRA alnifolia (Sweet Pepper Bush).

2½ to 3 ft.....75c. each, \$7.00 for 10

3 to 4 ft.....\$1.00 each, \$9.00 for 10

CORNUS alba sibirica (Red Osier Dogwood).

3 to 4 ft.....75c. each, \$6.00 for 10

florida. Pure snow-white flowers.

3 to 4 ft....\$1.75 each 4 to 5 ft....\$2.00 each

5 to 6 ft.....\$3.50 each

—rubra (Red Flowering Dogwood).

1½ to 2 ft....\$4.00 each 2 to 3 ft....\$6.00 each

sanguinea. The well-known red-branched Dogwood. 3 to 4 ft.....75c. each, \$6.50 for 10

All Trees and Shrubs are shipped by express collect. No C. O. D. shipments made.

FLOWERING AND FOLIAGE SHRUBS—Continued

CORYLUS purpurea (Purple-leaved Filbert)
(Hazelnut).

2 to 2½ ft. \$1.50 each. 3 to 4 ft. . . \$2.00 each

CRATÆGUS coccinea (Scarlet Fruited Thorn).

Crus-galli (Cockspur Thorn).

Oxyacantha (English Hawthorn). Single white flowers.

—**alba plena**. Double white flowers.

—**flore rosea plena**. Beautiful pink, double.

W. Paul's Scarlet. Rich brilliant scarlet flowers.

Prices of above varieties:

3 to 4 ft. \$1.25 each. 4 to 5 ft. . . \$1.50 each

5 to 6 ft. \$2.00 each

CYDONIA japonica (Japan Quince).

1½ to 2 ft. 75c. each, \$6.50 for 10

DAPHNE Cneorum (Garland Flower). Sweet scented bright pink flowers. Trailing habit.

Strong plants \$1.00 each, \$9.00 for 10

Mezereum (Mezereon Pink).

12 to 15 in. \$1.00 each. 15 to 18 in. \$1.50 each

DEUTZIA crenata fl. pl. Flowers double, pinkish white.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

gracilis. A fine hardy shrub, forming a round and compact mass of white in June.

1 to 1½ ft. 50c. each, \$4.50 for 10

1½ to 2 ft. 75c. each, \$7.00 for 10

Lemoinei. 2 to 2½ ft. 75c. each

Pride of Rochester. Double white flowers, tinged pink.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

ELÆAGNUS longipes (Silver Thorn). The foliage is bright green above and silvery white beneath.

2 to 3 ft. 75c. each, \$7.00 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

EUONYMUS americana (Strawberry Bush) (Spindle Tree, or Burning Bush). An erect growing shrub with slender, green branches.

2 to 3 ft. 75c. each, \$6.50 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

alatus. The foliage is fine rose color in the Autumn. 2 to 3 ft. \$1.00 each. 3 to 4 ft. . . . \$1.25 each

FORSYTHIA Fortunei (Golden Bell). Bark bright yellow; blooms in dense masses of golden flowers in April.

suspensa. (Weeping Golden Bell). Somewhat pendulous in habit.

viridissima. Blooms early in Spring, before the leaves appear.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$6.50 for 10

4 to 5 ft. \$1.00 each, \$9.00 for 10

HALESIA tetraptera (Silver Bell) (Snowdrop Tree). A beautiful large shrub, with pretty, white, bell-shaped flowers.

2 to 3 ft. \$1.00 each. 3 to 4 ft. . . . \$1.50 each

HYDRANGEA arborescens grandiflora (Hills of Snow). Foliage green, bluish underneath. Flowers June and July.

2 to 3 ft. 75c. each. 3 to 4 ft. . . . \$1.00 each

—**paniculata grandiflora**. This is a grand plant, showy and attractive, lasting in bloom for months. 2 to 3 ft. \$1.00 each, \$9.00 for 10

3 to 4 ft. \$1.25 each, \$11.00 for 10

Standards, 3 yr. head. \$2.00 each

Otaksa. Immense heads of either pink or blue flowers.

Extra heavy pot grown plants. \$1.00 to \$2.00 each

Plants in tubs. \$4.00 to \$10.00 each

Specimens. \$15.00 to \$25.00 each

French Varieties

Baby Bimbenet. Very dwarf, free, and early; large, compact trusses of silvery rose flowers.



Hydrangea arborescens

HYDRANGEA, French Varieties—Continued

Eclairer. Bright carmine rose.

General de Vibraye. Large; bright rose.

Louis Foucard. Distinct, deep, cheerful reddish carmine.

Mme. Maurice Hamar. Very good pink.

Souv. de Mme. E. Chautard. The most popular, early, free pink.

Pot grown plants. \$1.00 each, \$9.00 for 10

HYPERICUM aureum (St. John's Wort). Flowers of bright yellow, July to August.

Moserianum. Beautiful golden yellow flowers, crimson stamens. Of dwarf habit.

All Hypericums. 50c. each, \$4.50 for 10

ITEA virginica (Virginian Willow). One of the prettiest native shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily.

1½ to 2½ ft. 60c. each, \$5.50 for 10

JASMINUM nudiflorum (Winter Jasmine). Golden yellow flowers very early in Spring, flowering before the foliage appears.

18 to 24 in. . . 75c. each 2 to 2½ ft. . \$1.00 each

LIGUSTRUM amurense (Japanese Privet). Large, oblong, glossy green foliage, half evergreen; grows to 15 ft.

3 to 4 ft. 75c. each, \$6.50 for 10

Ibota (New Japanese Privet). Large, glossy, distinct foliage.

3 to 4 ft. 60c. each, \$5.50 for 10

ovalifolium (California Privet). Vigorous shrub of excellent habit.

3 to 4 ft. 50c. each, \$4.50 for 10

4 to 5 ft. 75c. each, \$6.50 for 10

Globe-shaped, clipped, 2½ ft. . . . \$4.00 each

3 ft. \$5.00 each. 3½ ft. \$6.00 each



FLOWERING AND FOLIAGE SHRUBS—Continued

LIGUSTRUM—Continued

Regelianum. Splendid dense horizontal growing shrub. 1½ to 2 ft.50c. each, \$4.50 for 10
2 to 2½ ft.75c. each, \$6.50 for 10

LILACS. *Syringa persica.* Purple flowers.

2 to 3 ft.\$1.00 each. 3 to 4 ft.\$1.25 each

rothomagensis. Large red flowers.

2 to 3 ft.\$1.00 each. 3 to 4 ft.\$1.25 each

vulgaris. The common purple species.

2 to 3 ft.75c. each. 3 to 4 ft.\$1.00 each

vulgaris alba. Fragrant single white.

2 to 3 ft.\$1.00 each. 3 to 4 ft.\$1.25 each

French Hybrids. Own root stock. See our Special List of 100 varieties.

LONICERA (Bush, or Upright Honeysuckle).

fragrantissima (Fragrant Upright Honeysuckle).

Graceful spreading habit, rich dark green foliage; fragrant flowers.

Morrowi. Pure white flowers; bright red fruit; August till late Fall.

tatarica (Tartarian Honeysuckle). Pink flowers.

—**alba** (White Tartarian Honeysuckle).

Prices of all varieties.

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$7.00 for 10

MALUS atrosanguinea (Crab). Makes a good head; covered with deep carmine flowers.

floribunda (Profuse Flowering Crab). Forms a shapely bush or small tree; bud warm red, opening to light pink, delicately shaded.

Scheideckeri (Double Flowering Crab). Has fine

double flowers of a light rose color.

3 to 4 ft.\$1.50 each 4 to 5 ft.\$2.00 each

5 to 6 ft.\$2.50 each

PACHYSANDRA terminalis. One of the most valuable evergreen shrubs for dense shade.

6 to 9 in.\$2.00 for 10, \$18.00 per 100

PHILADELPHUS coronarius (Common Mock Orange).

Flowers pure white and very fragrant. Blooms in June.

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$6.50 for 10

—**aureus.** Foliage golden yellow; very effective.

2 to 3 ft.\$1.00 each, \$9.00 for 10

grandiflorus. Flowers creamy white, vigorous shrub.

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$7.00 for 10

PRUNUS pissardii (Purple-leaved Plum). Vigorous, upright growth.

3 to 4 ft.\$1.00 each, \$9.00 for 10

4 to 5 ft.\$1.50 each, \$12.00 for 10

triloba (Double Flowering Plum).

2 to 3 ft.\$1.25 each 3 to 4 ft.\$1.50 each

RHAMNUS cathartica (Buckthorn). A tall growing shrub or hedge plant. Lustrous green leaves and black berries follow the white flowers. Extremely hardy and very ornamental.

2 to 3 ft.60c. each, \$5.00 for 10

3 to 4 ft.75c. each, \$6.50 for 10

RHODOTYPOS kerrioides (White Kerria). Showy white flowers in May followed by black berries that last all Winter.

18 to 24 in.75c. each, \$6.50 for 10

2 to 3 ft.\$1.00 each, \$9.00 for 10

RHUS cotinus (Sumach) (Purple Fringe, or Smoke Tree). A curious, large growing shrub, forming broad, round headed bushes.

18 to 24 in.\$1.00 each, \$9.00 for 10

2 to 3 ft.\$1.50 each, \$13.00 for 10

typhina (Staghorn Sumach).

3 to 4 ft.75c. each, \$6.50 for 10

4 to 5 ft.\$1.00 each, \$9.00 for 10

—**laciniata** (Fern leaved Staghorn Sumach).

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$7.00 for 10

RUBUS odoratus (Flowering Raspberry). Clusters of beautiful pink or purple fragrant blossoms all Summer.

2 to 3 ft.60c. each 3 to 4 ft.75c. each

SAMBUCUS (Elder). These are large, showy shrubs, ornamental in flower, fruit and foliage; of easy cultivation.

canadensis (Common Elder).

nigra aurea. Golden yellow foliage.

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$7.00 for 10

SPIRÆA Bumalda. Very handsome; rose colored flowers. Dwarf. 18 in.75c. each, \$6.50 for 10

Anthony Waterer. Grows dwarf. The brightest colored of all the Spiræas.

1½ to 2 ft.75c. each 2 to 3 ft.\$1.00 each

opulifolia (Ninebark). Of vigorous growth, with flat clusters of white flowers.

2 to 3 ft.60c. each, \$5.50 for 10

3 to 4 ft.75c. each, \$6.50 for 10

prunifolia fl. pl. (Bridal Wreath). Small, double, white flowers, borne close to the branches.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

• **Thunbergii.** Pure white flowers.

2 to 2½ ft.75c. each

Vanhouttei. Pure white flowers. Tall.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

STEPHANANDRA flexuosa. The leaves are finely and delicately cut. Flowers are creamy white.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

STYRAX japonica. Leaves resemble those of the Dogwood; flowers pure white; bell-shaped.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

SYMPHORICARPOS racemosus (Snowberry).

Small pink flowers in Summer, followed by large, waxy white berries in Autumn.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

vulgaris (Coral Berry). Vigorous and quick grower, covered with purple berries all Summer.

2 to 3 ft.60c. each 3 to 4 ft.75c. each

SYRINGA (Lilac). See Special Lilac list.**TAMARIX africana** (Tamarisk). Strong, growing shrubs, with feather foliage and small, delicate flowers.

2 to 3 ft.60c. each 3 to 4 ft.\$1.00 each

VIBURNUM. A very popular shrub, known as the Snowball.

dentatum. Curious dentated leaves and greenish white flowers; pretty berries in Autumn.

2 to 3 ft.75c. each, \$6.50 for 10

3 to 4 ft.\$1.00 each, \$9.00 for 10

Lantana. The large white flower clusters open in May and are followed by red fruits.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

Opulus (High Cranberry). Very fine in flower, and berries are scarlet. Leaves are three-lobed and coarsely toothed.

3 to 4 ft.75c. each, \$6.50 for 10

4 to 5 ft.\$1.00 each, \$9.00 for 10

Opulus sterile (Snowball). A variety of the above with globes of pure white flowers in May.

3 to 4 ft.\$1.00

4 to 5 ft.\$1.50

WEIGELA (Diervilla). A valuable, bold, graceful shrub. Flowers trumpet-shaped, varying in color from pure white to dark red.

amabilis. Vigorous and attractive shrub, with light pink flowers.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

candida. Flowers pure white; strong grower.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

Eva Rathke. Rich reddish purple.

1½ to 2 ft.75c. each 2 to 2½ ft.\$1.00 each

rosea. Handsome rose-colored flowers.

2 to 3 ft.75c. each 3 to 4 ft.\$1.00 each

—**nana variegata.** Leaves variegated with white.

2 to 3 ft.75c. each, \$6.50 for 10

3 to 4 ft.\$1.00 each

Ornamental Evergreens and Conifers

BOXWOOD (*Buxus sempervirens*) (Common Tree Box). A large shrub with thick, leathery dark green leaves. Bears shearing well and can be shaped in any form desired.

Bush Form. In various sizes. \$2.00 to \$15.00 each
Pyramids. In various sizes. \$7.00 to \$20.00 each

BOXWOOD EDGING, Dwarf Box (*suffruticosa*).

The well-known Box used for edging, and invaluable for that purpose.

4 to 6 in. \$25.00 per 100
 6 to 8 in. \$50.00 per 100

JUNIPERUS (*Juniper*) *excelsa stricta*. Foliage glaucous and arranged around the branches in threes, dense and prickly.

1 ft. \$2.50 each 1½ ft. \$3.00 each
 2 ft. \$4.00 each 2½ ft. \$5.00 each

hibernica (Irish Juniper). A distinct and beautiful variety, of erect, dense, conical outline.

12 in. \$1.50 each 18 in. \$2.25 each

***pfitzeriana*.** Very distinct, being of striking, graceful habit; the color bright silvery green; perfectly hardy.

18 to 24 in. \$3.50 each 2 to 2½ ft. \$5.00 each

sabina (Compact Savin Juniper). Low, trailing habit and fine for massing.

12 in. \$2.00 each 18 in. \$4.00 each

virginiana (Red Cedar). Of medium compact growth.

3 ft. \$3.50 each 4 ft. \$6.00 each
 5 ft. \$10.00 each 6 ft. \$12.00 each

— ***glauca*** (Silver Red Cedar).

2 ft. \$4.00 each 3 ft. \$7.00 each

KALMIA *latifolia* (Mountain Laurel, or Calico Bush).

1 to 1½ ft., nursery grown. \$2.50 each

1½ to 2 ft., nursery grown. \$5.00 each

2 to 3 ft., nursery grown. \$6.00 each

Prices for carload lots of collected stock on application.

PICEA *excelsa* (Norway Spruce). Leaves dark green; very handsome; of pyramidal, lofty appearance.

1½ to 2 ft. \$2.00 each 2 to 3 ft. \$4.00 each

3 to 4 ft. \$6.00 each

pungens (Colorado Spruce). Leaves bluish.

18 to 24 in. \$5.00 each 2 to 3 ft. \$7.50 each

PINUS *austriaca* (Austrian Pine). A robust, stately tree of rapid growth and very hardy.

2 ft. \$3.00 each 2½ ft. \$4.00 each

mughus (Dwarf Mugho Pine).

12 to 18 in. diam. \$3.50 each

1½ to 2 ft. diam. \$5.00 each

strobis (White Pine). One of the best native Pines; pale light green foliage.

2 to 3 ft. \$3.50 each 3 to 4 ft. \$5.00 each

sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage.

2 ft. \$3.00 each 3 ft. \$4.50 each

RETINOSPORA *filifera* (Japanese Cedar). Thread-branched, drooping branches, bright green; very pretty.

1½ ft. \$3.50 each 2 ft. \$5.00 each

— ***aurea***. Golden; most attractive.

18 in., bushy shaped. \$4.00 each

obtusa. Graceful tree, foliage bright clear green.

2 ft. \$4.00 each 3 ft. \$7.00 each

pisifera (Sawara Cypress). Branches horizontal, with leaves feathery green above, whitish lines beneath.

1½ ft. \$3.50 each 2 ft. \$5.00 each

3 ft. \$7.50 each

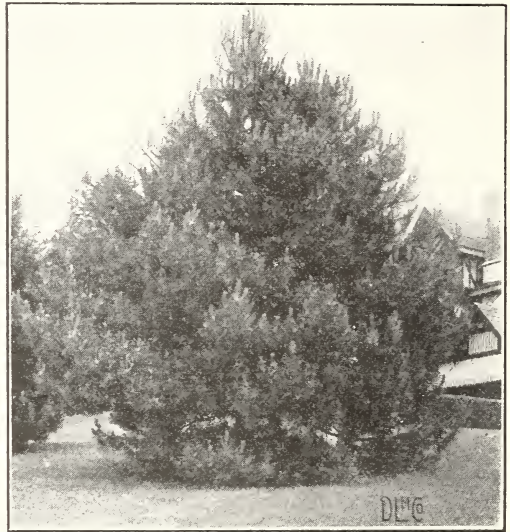
— ***aurea***. Golden feathery foliage.

1½ ft. \$3.50 each 2 ft. \$5.00 each

plumosa. Graceful habit.

1½ ft. \$3.00 each 2 ft. \$4.00 each

2½ ft. \$5.00 each 3 ft. \$7.00 each



Pinus sylvestris

RETINOSPORA *plumosa aurea*. Golden foliage.

1½ ft. \$3.00 each 2 to 3 ft. \$5.00 each

— ***squarrosa veitchi***. Light bluish green foliage.

1½ ft. \$3.00 each 2 ft. \$5.00 each

RHODODENDRONS (Hardy Hybrid Varieties).

Handsome grouping and border effects can be created by using these charming hybrids.

18 to 24 in. \$7.50 each 24 to 30 in. \$10.00 each

30 to 36 in. \$12.00 each

maximum (Great Laurel). Is admirably adapted to massing, will thrive in shady or exposed positions, and is perfectly hardy. Nursery grown.

2 to 2½ ft. \$5.00 each 2½ to 3 ft. \$7.00 each

3 to 4 ft. \$9.00 each

Prices for carload lots of collected stock on application.

TAXUS *baccata repandens* (Yew). This is the hardest of all prostrate varieties and will grow in almost any position. It is excellent for hedging, grouping and covering banks.

1½ to 2 ft. diam. \$4.00 each

cuspidata. Spreading form.

12 to 18 in. high. \$3.50 each

18 to 24 in. high. \$5.00 each

2 to 2½ ft. high. \$7.50 each

— ***nana brevifolia***. Really an excellent Yew, with fine, spreading branches and rich deep green, short leaves. Highly recommended.

15 in. \$3.50 each 1½ ft. \$6.00 each

2 ft. \$8.00 each

THUJA *pyramidalis* (Pyramidal Arborvitae). A most valuable, upright evergreen, of dense, compact habit. Foliage light green.

2½ ft. \$4.00 each 3 to 4 ft. \$7.00 each

4 to 5 ft. \$10.00 each

occidentalis (Common American Arborvitae).

2 to 3 ft. \$3.50 each 3 to 4 ft. \$5.00 each

4 to 5 ft. \$7.50 each

wareana occidentalis sibirica (Siberian Arborvitae). Large, bold, glaucous green foliage.

2 ft. \$3.50 each 2½ ft. \$5.00 each

TSUGA *canadensis* (Common Hemlock). One of the most handsome and graceful evergreens.

18 to 24 in. \$3.50 each 2 to 3 ft. \$5.00 each

3 to 4 ft. \$7.50 each

All above prices include packing charges.



Ornamental and Shade Trees

ACER dasycarpum (White or Silver-leaved Maple). Large sized tree, rapid grower.

8 to 10 ft., 1 1/4 in. diam.....\$3.00 each
10 to 12 ft., 1 1/2 in. diam.....\$5.00 each
12 to 13 ft., 1 3/4 in. diam.....\$6.00 each

—**wieri laciniatum** (Wier's Cut-leaved Silver Maple). Very beautiful variety, with delicately cut leaves and graceful drooping branches.

8 to 10 ft., 1 1/4 in. diam.....\$4.00 each
10 to 11 ft., 1 1/2 in. diam.....\$5.00 each
11 to 12 ft., 1 3/4 in. diam.....\$6.50 each

platanoides (Norway Maple). Vigorous growing tree, of spreading rounded form.

8 to 10 ft., 1 1/4 in. diam.....\$6.00 each
10 to 11 ft., 1 1/2 in. diam.....\$7.00 each
11 to 12 ft., 1 3/4 in. diam.....\$9.00 each

saccharinum (Sugar, or Rock Maple). Of vigorous growth; more or less pyramidal form.

10 to 11 ft., 1 1/4 in. diam.....\$5.00 each
11 to 12 ft., 1 1/2 in. diam.....\$6.00 each
12 to 14 ft., 1 3/4 in. diam.....\$10.00 each

AESCULUS hippocastanum (European White-Flowering Horse Chestnut). A compact, handsome tree. Foliage appears very early in Spring.

10 to 12 ft., 2 1/2 in. diam.....\$8.00 each
12 to 14 ft., 3 in. diam.....\$10.00 each

BETULA alba laciniata (Cut-leaved Weeping Birch). Silvery white bark, graceful drooping habit of growth

4 to 6 ft....\$3.00 each 6 to 8 ft....\$4.50 each

papyrifera (Paper, or Canoe Birch). Handsome tree; tall growing. Leaves large; bark silvery white.

6 to 8 ft....\$3.00 each 8 to 10 ft....\$4.00 each

CATALPA bungei. A rapid growing tree, with a dense mass of large, heart-shaped light green leaves. Excellent for formal effects. Handsome, globe-headed standards.

Medium heads.....\$3.00 each
Large heads.....\$4.00 each

FAGUS sylvatica (European or English Beech).

3 to 4 ft....\$2.50 each 4 to 5 ft....\$4.00 each

sylvatica pendula (Weeping Beech).

4 ft.....\$6.00 each 6 to 8 ft....\$10.00 each

—**purpurea** (Purple-leaved Beech).

3 to 4 ft....\$5.00 each 4 to 5 ft....\$7.50 each

FRAXINUS americana (White Ash). A splendid tall growing tree.

10 to 12 ft., 1 1/2 in. diam.....\$3.00 each
12 to 14 ft., 2 in. diam.....\$5.00 each

GINKGO biloba (Salisbury adiantifolia) (Maidenhair Tree). A remarkable tree of spreading growth in age. Deep green, thick leaves, similar in shape to those of the Maidenhair fern. Rapid grower and very hardy.

8 to 10 ft....\$4.00 each 10 to 12 ft....\$5.00 each
12 to 14 ft.....\$6.00 each

LIQUIDAMBAR (Sweet Gum Tree). A native tree of rapid growth, beautiful Fall color.

4 to 6 ft....\$2.50 each 6 to 8 ft....\$4.50 each

LIRIODENDRON tulipifera (Tulip Tree). A noble looking pyramidal tree with clean trunk. Leaves are alternate and have long stalks.

6 to 8 ft....\$2.50 each 8 to 10 ft....\$4.00 each
10 to 12 ft.....\$5.00 each

MORUS pendula (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head.

5 to 7 ft., 1-yr. heads.....\$3.50 each
5 to 7 ft., strong, 2-yr. heads.....\$5.00 each

PAULOWNIA imperialis (Empress Tree). A tree with immense leaves and decidedly tropical appearance, bearing very large panicles of blue trumpet-shaped flowers.

6 to 8 ft....\$3.00 each 8 to 10 ft....\$4.00 each

PLATANUS orientalis (Oriental Plane). A superb tree of gigantic proportions, extensively used in Europe, for park, street and avenue planting.

8 to 10 ft., 1 1/4 in. diam.....\$3.50 each
10 to 11 ft., 1 1/2 in. diam.....\$6.00 each
11 to 12 ft., 1 3/4 in. diam.....\$7.00 each

POPULUS carolinensis, syn. **monolifera** (Carolina Poplar). Rapid grower; very valuable for screening.

8 to 10 ft....\$1.50 each 10 to 12 ft....\$2.25 each
12 to 14 ft.....\$3.00 each

fastigiata, or **dilatata** (Lombardy, or Italian Poplar). An ornamental and picturesque tree.

8 to 10 ft., 1 in. diam.....\$2.00 each
10 to 12 ft., 1 1/2 in. diam.....\$2.25 each
12 to 14 ft., 1 3/4 in. diam.....\$3.50 each

QUERCUS americana rubra (American Red Oak). Beautiful tree of rapid growth.

8 to 10 ft., 1 1/2 in. diam.....\$5.00 each
10 to 12 ft., 2 in. diam.....\$8.00 each

palustris (Pin Oak). A superb and very distinct tree, with graceful drooping branches.

8 ft., 1 1/4 in. diam.....\$5.00 each
8 to 10 ft., 1 1/2 in. diam.....\$6.00 each
10 to 12 ft., 2 in. diam.....\$8.50 each

SALIX babylonica (Babylonian, or Weeping Willow). A well known and graceful variety.

6 to 8 ft....\$1.75 each 8 to 10 ft....\$2.50 each
10 to 12 ft.....\$3.50 each

caprea (Pussy Willow).

3 to 4 ft....\$1.00 each 4 to 6 ft....\$1.50 each

elegantissima (Thurlo's Weeping Willow). Long, spreading branches, beautifully drooping.

6 to 8 ft....\$1.50 each 8 to 10 ft....\$2.00 each
10 to 12 ft.....\$3.00 each

pentandra (Laurel-leaved Willow). Broad glossy dark green leaves.

4 to 6 ft....\$1.00 each 6 to 8 ft....\$1.50 each

SORBUS aucuparia (Mountain Ash). A fine tree, dense and regular; covered all Summer with great clusters of scarlet berries.

5 to 6 ft....\$2.50 each 6 to 8 ft....\$3.50 each

pendula (Weeping Mountain Ash).

6 ft. stems, 3-yr. heads.....\$5.00 each

TILIA argentea (White, or Silver Linden). Distinct ornamental shade tree.

8 to 10 ft., 1 1/2 in. diam.....\$5.00 each
10 to 12 ft., 1 3/4 in. diam.....\$6.50 each
12 to 14 ft., 2 in. diam.....\$7.50 each

platyphyllos (Broad-leaved European Linden).

9 to 10 ft., 1 1/2 in. diam.....\$4.50 each
10 to 12 ft., 1 3/4 in. diam.....\$6.00 each
12 to 13 ft., 2 in. diam.....\$7.50 each

vulgaris (European Linden).

10 to 11 ft., 1 1/2 in. diam.....\$6.00 each
11 to 12 ft., 1 3/4 in. diam.....\$7.50 each
12 to 14 ft., 2 in. diam.....\$9.50 each
14 to 15 ft., 2 1/2 in. diam.....\$14.00 each
Specimens.....\$15.00 to \$20.00 each

ULMUS americana (American White, or Water Elm). Very tall growing and stately.

8 to 10 ft., 1 1/4 in. diam.....\$4.00 each
10 to 12 ft., 1 1/2 in. diam.....\$6.00 each
12 to 14 ft., 2 in. diam.....\$8.00 each
14 to 15 ft., 2 1/4 in. diam.....\$11.00 each

All above prices include packing charges.

FRUIT TREES

Planting.—Make the holes large enough to admit the roots without cramping or bending, and deep enough to set the trees to their natural depth. Fine surface soil should be used for covering the roots, and this should be carefully mixed among them. If the ground is dry, it is well to pour in some water when the hole is partially filled. See that the ground is firmly and solidly packed over all parts of the roots. Fill the holes full enough to be even with the surrounding surface after the fresh earth settles. Never use manure in contact with the roots.

APPLES

SUMMER VARIETIES

- ***Early Harvest.** Medium, yellow.
- ***Red Astrachan.** Small, red.
- ***Yellow Transparent.** Large, yellow.

- ***Baldwin.** Medium, red.
- Greening.** Large, greenish.
- King.** Large, red.
- McIntosh.** Large, red.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1¼-in., \$3.00 each; 1½-in., \$4.00 each. Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

FALL VARIETIES

- ***Farmeuse.** Medium, black red.
- Gravenstein.** Large, yellow and red.
- ***Oldenburg.** Large, red striped.

WINTER VARIETIES

- ***Northern Spy.** Medium crimson.
- ***Peasgood Nonsuch.** Large, red.
- Russet.** Medium, russet.
- ***Spitzenburg.** Large, red.

PEARS

- ***Bartlett.** Large, early.
- ***Beurre d'Anjou.** Large, late.
- Comice.** Very large, late.
- Duchess.** Large, late.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each.

Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

- Louis Bonne.** Large, early.
- Kieffer.** Large, late.
- Seckel.** Small, late.
- Beurre Bosc.** Very large, late.

CHERRIES

- Black Tartarian.** Sweet, late June.
- May Duke.** Dark red, sour. June.

Prices, 1-in. diameter, \$2.00 each; 1¼-in. diameter, \$3.00 each.

- Montmorency.** Red, sour. June.
- Napoleon.** Yellow, sweet. July.

PEACHES

- Belle of Georgia.** White Freestone. July.
- Champion.** White Freestone. Aug.
- Stump of the World.** White Freestone. Sept.
- Mountain Rose.** White Freestone. Aug.

Prices of above, 5⁄8-in. diameter, 75c. each; ¾-in. diameter, \$1.00 each.

- Early Crawford.** Yellow Freestone. Aug.
- Late Crawford.** Yellow Freestone. Aug.
- Elberta.** Yellow Freestone. Aug.
- Carmen.** White Freestone. Aug.

PLUMS

- Bradshaw.** Large, dark red. August.
- Coe's Golden Drop.** Large, yellow, late.

Prices of above, 1¼-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

- Damson.** Small, purple. Sept.
- Lombard.** Medium, violet. Sept.

QUINCES

- Champion.** Yellow. November.

Prices of above, 5⁄8-in. diameter, \$1.50 each; ¾-in. to 1-in. diameter, \$2.00 each.

- Orange.** Golden. November.

NUTS

- Butternut.** 4-6 ft., \$1.50; 6-8 ft., \$2.00; 8-10 ft., \$3.50.
- Chestnut (American).** 3-4 ft., \$1.25.
- Hickory.** 4-5 ft., \$2.00.

- Pecan.** 3-4 ft., \$1.50; 4-6 ft., \$2.00.
- Walnut, Black.** 3-4 ft., \$1.50; 4-6 ft., \$2.00.
- Walnut, English.** 3-4 ft., \$2.00.
- Walnut, Japan.** 4-6 ft., \$2.00; 8 ft., \$3.00.

Deciduous Hedge Plants

BERBERIS Thunbergii (Japanese Barberry). 9 to 12 in., 2 year old, 25 for \$5.00, 100 for \$18.00; 12 to 18 in., 3 year heavy, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 2 year old, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 3 year heavy, 25 for \$16.00, 100 for \$60.00.

LIGUSTRUM Iibota (New Japanese Privet). Large, glossy, distinct foliage. 1½ to 2 ft., bushy, 25 for \$5.50, 100 for \$20.00; 2 to 3 ft., bushy, 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., bushy, 25 for \$10.00, 100 for \$35.00.

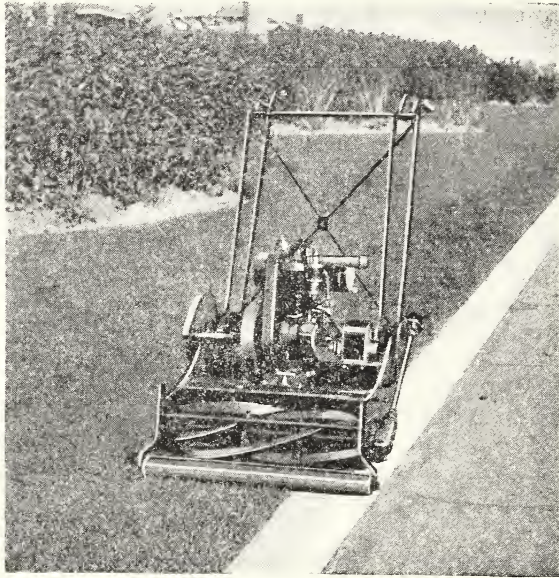
ovalifolium (California Privet). Large, glossy, dark green foliage; one of the most popular hedge plants. Rugged and enduring in almost any situation; retains its foliage until late in Winter. 1½ to 2 ft., bushy, 25 for \$2.50, 100 for \$8.00; 2 to 3 ft., bushy, 25 for \$3.50, 100 for \$12.00; 3 to 4 ft., bushy, 25 for \$4.00, 100 for \$15.00.

amurense (Amoor River Privet). Large, oblong, glossy green foliage and clusters of white, fragrant flowers; half evergreen. A variety of sterling merit; useful for hedges. 2 to 3 ft., 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., 25 for \$11.00, 100 for \$40.00.

POWER LAWN MOWERS

Battery Ignition \$145.00

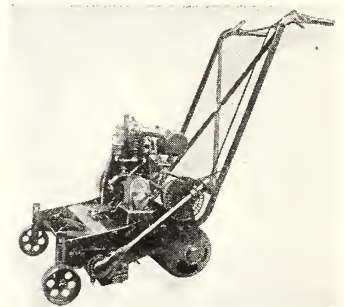
Magneto Ignition \$160.00



W. E. MARSHALL & CO
150 W. 23RD ST.
NEW YORK N. Y.

*There has long been a need for a Power Lawn Mower
That was built right and priced right
This machine has the following special features:*

- (1) Traction lugs which can be used or not at the will of the operator.
- (2) Variable reel speed for slow or fast cutting.
- (3) Cutting knives can be sharpened under the machines own power.
- (4) The roller can be used separate from the knives or vice versa.
- (5) Bearings guaranteed three years without additional oil, that is all except motor bearings which are guaranteed for the life of the mower.
- (6) Machine is built of steel throughout, as cast iron breaks very easily when hitting curbstones etc.
- (7) Safety clutch on reel to prevent breakage when hitting obstructions such as sticks, stones etc.
- (8) Dependable air cooled 4-cycle engine.
- (9) Bosch Magneto.
- (10) The turning radius is 12 to 18 inches less than with a hand lawn mower.
- (11) Complete machine weighs only 148 lbs.
- (12) This machine will go over a 16" curbstone under its own power.



NO MACHINE IS BUILT BETTER REGARDLESS OF PRICE

SMALL FRUITS

BLACKCAPS

Black Diamond. Very large; ripens early; very sweet and of fine flavor. Pulp, few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet. Heavy cropper.
\$1.25 for 10, \$8.00 per 100.

BLACKBERRIES

Eldorado. Medium size; jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy.

Kittatinny. Large; glossy black; sweet and juicy; excellent when fully ripe.

Strong plants, \$1.25 for 10, \$8.00 per 100.

CURRANTS

Fay's Prolific. A popular red Currant; very large and sweet. Productive.

Perfection. Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

White Grape. An excellent white variety; of large size; very sweet.

Strong, 2-year-old bushes, \$2.25 for 5, \$4.00 for 10.

GOOSEBERRIES

Josselyn. Large red fruit.

Smith's Improved. Fruit greenish yellow.

Triumph. Fruit golden yellow.

2-year-old bushes, \$2.50 for 5, \$4.50 for 10.

Grapes

Brighton. Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.

Caco. Large, wine red in color, bunches good size and extra good quality. Each, 1-year, 75c.; 2-year, \$1.25.

Champagne. Very large amber berry. Fine for dessert or making wine. Each, 2-year-old, 75c.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular.

Hubbard. Black, sweet and delicious. Berries and bunch large. 2-year-old. 75c. each.

Moore's Early. Bunch medium; berry very large, with heavy blue bloom; good quality.

Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom; flesh slightly pulpy; tender and sweet.

Extra strong, 3-year-old canes, 50c. each, \$4.50 for 10.

LOGANBERRIES

Fruit similar to the Blackberry; color dark bright red. excellent for table and canning. Strong plants, \$2.50 for 5, \$4.50 for 10.

RASPBERRIES

Cuthbert. Deep, rich crimson.

Golden Queen. Large, amber-color, firm; fine quality. Remarkably productive.

Herbert. Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.

St. Regis (Perpetual). Bright crimson; large berries all through Summer and Fall.

Strong plants, 2-year-old, \$1.25 for 10, \$8.00 per 100.

La France. The giant everbearing red Raspberry. Strong canes, \$2.00 for 10, \$15.00 per 100.

The Latham. Without doubt the best red Raspberry to plant today. Berries large in size and a rich red color, maturing very early. Canes hardy in northern latitudes. \$2.00 for 10, \$15.00 per 100.

Strawberry Plants

For full description see our Fall Catalog

Barrymore, Brandywine, Campbell's Early, Gandy, Glen Mary, Hundred Dollar, Joe, McKinley, Marshall, New York, Nick Ohmer, Premier, Success, Stevens' Late Champion.

Layer plants of above, 60c. for 25, \$2.00 per 100.

Chesapeake, Early Jersey Giant, Lupton, Howard, No. 17, John H. Cook, William Belt.

Layer plants, 75c. for 25, \$2.50 per 100.

Bushel Basket, Edmund Wilson, St. Martin, Pearl. Layer plants, \$1.25 for 25, \$4.00 per 100.

EVERBEARING STRAWBERRIES

If planted in Spring, a good crop of fruit will be picked in Fall.

Progressive. \$1.00 for 25, \$3.00 per 100.

Francis, Ideal, Superb. \$1.25 for 25, \$4.00 per 100.

Lucky Boy. \$2.00 for 25, \$6.00 per 100.

POT GROWN STRAWBERRIES

We can supply Pot Grown Plants for delivery in July, August and September. These plants will give a good crop of berries the following year. A list of varieties and prices will be found in our Fall Catalog. Copy sent on request. *Pot grown plants are shipped by express only.*

Trained Fruit Trees

Trained fruit trees should have a place in every garden. We offer them in three distinct types: Upright Single Cordon, U-shaped or Double Cordon, and U U shaped or Palmette Verrier.

APPLES. Budded on Paradise. Single cordons, \$3.00 each; U-shaped, \$4.50 each; U U shaped, \$12.00 each.

CHERRIES. Budded on Wild Cherry. U-shaped only, \$4.50 each.

PEACHES. Budded on Mahaleb Plum. Wide U-shape, 30 in. wide, \$7.00 each.

PEARS. Budded on Quince. Single cordon, \$3.00 each; U-shaped, \$4.50 each; Palmette verrier, \$12.00 each.

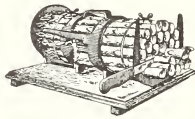
Ask for our **Special Trained Fruit Tree List** for cultural directions and list of varieties. Mailed on request.

HORTICULTURAL TOOLS AND REQUISITES

APRONS, Gardener's Waterproof, with bib; 34 in. long, 26 in. wide. Each \$1.50.
Gardener's. Blue drill with bib. Each \$1.25.
Gardener's Rubber. Extra heavy, each \$4.00.
English Blue Serge. Each \$3.50.
English Blue Serge. With bib and pocket. Each \$4.00.

ASPARAGUS BUNCHER.

Useful on all private estates. It will not bruise the grass, is easily and quickly adjusted to any length. Double band springs and knife guard. Each \$4.50.



ASPARAGUS KNIVES, English. Each \$3.50.

ASPARAGUS KNIVES, American. Each 50c.

AXES, Felling. With handle, \$3.00 to \$3.50.

BASKETS, Hanging, Wire. Painted, 8 in. 35c., 10 in. 40c., 12 in. 50c., 15 in. 60c., 18 in. \$1.00, 21 in. \$1.35 each.

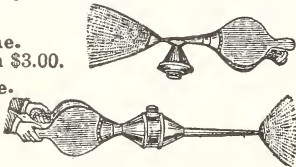
BELLOWS, Duster No. 600. Made with 12 in. handles and cone-shaped distributor. Each \$1.75.

BELLOWS, Powder.

Small, Single Cone. Each \$3.00.

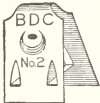
Large, Single Cone. Each \$5.00.

Double Cone. Each \$6.50.



"JUMBO" POWDER GUN. Each 40c.

BLAKE'S LEVER CLIPS. For fastening Rose wires. Per box of 500, \$1.75.



BULL DOG CLIPS. Useful for fastening paper to pot plants, etc. Box of 1000 \$1.00.

BOXES, Corrugated. Extra strong for shipping cut flowers.

Length	Width	Depth	Doz.	100
24 in.	8 in.	4 in.	\$4.00	\$30.00
28 in.	8 in.	5 in.	4.50	35.00
30 in.	12 in.	6 in.	5.00	40.00
36 in.	12 in.	8 in.	7.00	55.00
48 in.	14 in.	8 in.	9.50	70.00

Extra staples, 25c. per 100.

BOXES, Folding. For cut flowers. Made of strong cardboard. Doz. 100

No. 2	18 in.	5 in.	3 in. deep...	\$0.75	\$4.00
No. 5	21 in.	7 in.	3½ in. deep...	1.00	6.00
No. 8	24 in.	8 in.	4 in. deep...	1.50	8.00
No. 11	28 in.	8 in.	5 in. deep...	2.00	12.00
No. 19	36 in.	8 in.	5 in. deep...	2.50	15.00

BOXES, Flower, Fiber or Leatheroid. Used for shipping cut flowers or fresh vegetables by express. Lock and keys with each case. Each

30 in. x 14 in. x 16 in.	with 3 wicker trays...	\$45.00
34 in. x 15 in. x 16 in.	with 3 wicker trays...	47.50
38 in. x 16 in. x 16 in.	with 3 wicker trays...	50.00

BROOMS, Birch. For lawns. Each 75c.

Barn or Floor. Corn with rattan center. Each \$1.60.

Kongo. Coir bass. Made with coir fiber. Each \$2.00.

Rattan. Similar to birch broom. Useful for lawns. Each \$1.00.

Rattan Stable or Push. 16 in., extra quality. Each \$2.00.

Tennis Court. Made with fiber, 36 in. long, for dragging dirt courts. Each \$6.00.

BRUSHES, Flower Pot, Cone-Shaped. Made of bristle, wood handle. Each \$1.75.

BRUSH HOOKS. With handle. Each \$3.00.

BURLAP. For Winter covering. In 36 or 42 in. widths, per yard 25c.; 48 in. wide, per yard 30c. Price subject to market change.

CANES, Bamboo.

	Doz.	100	1000
Green, 2½ ft., Japanese.....	\$0.15	\$1.00	\$7.00
Green, 3 ft., Japanese.....	.20	1.25	10.00
Green, 4 ft., Japanese.....	.20	1.50	12.00
Green, 5 ft., Japanese.....	.25	2.00	15.00
Natural, 6 ft., Japanese.....	.30	2.00	16.00
Japanese, heavy, 8 ft.....	.50	4.00	35.00
Japanese, heavy, 10 ft.....	.60	5.00	40.00

CANES, Chinese Bamboo.

	Doz.	100	1000
4 ft. long, ¼ in. diam.....	100		
4 ft. long, ½ in. diam.....	4.00		
6 ft. long, ¾ in. diam.....	7.00		
8 ft. long, ¾ in. diam.....	8.00		
9 ft. long, ¾ in. diam.....	16.00		
6 ft. long, 1½ in. diam. for Dahlias; doz.	\$4.50	\$35.00	

CARNATION BANDS, Rubber.

30c. per oz.

CARNATION STAPLES. For split Carnations. 1000 50c.

Cokely's Staples. \$1.00 per 1000.

Cokely's Pliers for the above. Each \$3.00.

CARNATION SUPPORTS.

"Model Extension." Made with strong galvanized wire, neat and durable. Doz. 100

Wire, 2 ring.....\$1.25 \$7.50

Wire, 3 ring.....1.25 8.50

CELERY BLEACHERS. 6½ x 13 in. Doz. 60c., 100 \$4.50.

7 x 14 in. Doz. 70c., 100 \$5.00.

Celery Handler for above. Each \$1.50.

CELERY BLEACHING PAPER.

Flexible, odorless and waterproof, in rolls of 100 ft. 12 in. wide. Per roll, including 25 42-in. wire arches, \$5.00. Roll holders, each \$1.50.

CEL-O-GLASS. A high-grade substitute for glass. Adapted for coldframes, hotbed, sash, etc. Made with wire mesh cloth, transparent and indestructible. In rolls 36 in. wide and any length desired. Per sq. ft. 25c. In rolls of 300 sq. ft., 18c. per ft.

COTTON BATTING. Large sheets, 40x40 in. Doz. sheets \$1.00.

CORK BARK. For rustic work. Lb. 40c.

CUCUMBER GLASSES, English. Each \$2.50

CULTIVATORS. (See pages 83, 88, 89.)

CUT WORM BANDS. Made with cardboard to place around the young plant. 100 30c., 1000 \$2.50.

DIBBLES.

Iron point, with wood handle, for transplanting. Small, 65c.; large, 75c.



DIRT BANDS, Harris Square

Locked. Used for transplanting seedling plants. 100 1000

No. 1	¼ B, size 1¼x1¼, depth 2½ in...	\$0.50	\$3.50
No. 2	B, size 2x2, depth 2½ in.....	.60	4.00
No. 3	B, size 3x3, depth 3 in.....	.70	5.00
No. 4	B, size 4x4, depth 3 in.....	.75	5.50

FIBER. Peat in bales. Each \$1.50 and \$4.50.

FLATS, Greenhouse. Made with wood. 3 in. deep. 12 in. wide, 20 in. long. Doz. \$3.50, 100 \$25.00.

FLOWER POTS, "NEPONSET."

Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2¼ in.....	\$0.10	\$0.60	\$5.50
2½ in.....	.10	.70	6.00
3 in.....	.15	1.00	8.00
3½ in.....	.15	1.20	11.00
4 in.....	.25	1.60	14.00
5 in.....	.40	2.20	20.00
6 in.....	.60	3.00	26.00





HORTICULTURAL TOOLS AND REQUISITES—Continued

FLOWER POTS, Standard Earthenware.

We pack carefully but are not responsible for breakage in transit. All earthenware pots are shipped by freight only.

Inside Measurements				
Size	Each	Doz.	100	
2 in.	\$0.02	\$0.20	\$1.30	\$12.00
2½ in. ....	.02	.25	1.60	15.00
2½ in. ....	.03	.30	2.00	17.00
3 in. ....	.04	.40	2.50	22.00
4 in. ....	.06	.60	4.00	35.00
5 in. ....	.08	.80	6.50	60.00
6 in. ....	.12	1.25	10.00	95.00
7 in. ....	.25	2.50	16.00	
8 in. ....	.35	3.50	24.00	
9 in. ....	.50	5.00	40.00	
10 in. ....	.80	7.00	50.00	
12 in.	1.20	13.00	100.00	

**AZALEA POTS.**

Wide	Deep	Each	Doz.	100
6 in.	4½ in.	.....	\$0.15	\$1.30 \$10.00
7 in.	5 in.	.....	.25	2.50 15.00
8 in.	6 in.	.....	.30	3.00 22.00
9 in.	7 in.	.....	.50	5.00 40.00
10 in.	8 in.	.....	.70	7.00 50.00

ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3¾ in.	.....	\$0.15	\$1.50 \$10.00
7 in.	4½ in.	.....	.25	2.50 15.00
8 in.	4 in.	.....	.30	3.00 22.00
9 in.	4¼ in.	.....	.50	5.00 40.00
10 in.	4½ in.	.....	.60	6.00 45.00
12 in.	4¾ in.	.....	1.00	10.00 80.00

FLOWER POTS, fiber. Useful for seedlings, Sweet Peas, etc. Can be set out with plants growing in them.

	Doz.	100	1000
No. 2 size, 2 in.	\$0.60	\$3.00	\$20.00
No. 4, size 4 in. ....	.70	4.00	25.00
No. 5 size, 5 in. ....	.90	5.00	35.00
No. 6 size, 6 in.	1.10	6.50	50.00

FLOWER POT SAUCERS, Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.	\$0.04	\$0.40	9 in.	\$0.14	\$1.40
5 in. ....	.05	.50	10 in. ....	.17	1.70
6 in. ....	.06	.70	11 in. ....	.22	2.20
7 in. ....	.10	.90	12 in. ....	.28	2.70
8 in. ....	.12	1.10	14 in. ....	.40	4.00



METAL FLOWER POT SAUCERS. Made with heavy metal, painted green, waterproof and unbreakable.

Diam.	Each	Doz.	Diam.	Each	Doz.
4 in.	\$0.20	\$2.00	12 in.	\$1.20	\$12.00
5 in. ....	.25	2.50	14 in.	1.60	16.00
6 in. ....	.30	3.00	16 in.	2.00	20.00
7 in. ....	.35	3.50	18 in.	2.50	25.00
8 in. ....	.40	4.00	20 in.	3.00	30.00
9 in. ....	.80	8.00	22 in.	3.50	35.00
10 in.	1.00	10.00	24 in.	4.00	40.00

FLOWER VASES, Metal. See page 84.

**FORKS.**

Digging or Spading, "Keen-Kutter."	Each
4-tine, long or short handle.....	\$2.50
English, 4 square tine, short handle.....	3.50
Best Steel. 4-tine, long or short handle.....	2.25
5-tine, short handle.....	3.00
Manure. 4-tine, short handle.....	2.50
5-tine, short handle.....	3.00
4-tine, long handle.....	3.00
Transplanting, Johnson's. 3 tine, length over all 11 in. Each 60c.	
Transplanting. Malleable. Each 35c.	

FRUIT PICKERS. Galvanized wire, "Perfect." Each 60c.

Bamboo Extension Poles for above, 12 ft., in three sections. Each \$1.00.

FUMIGATOR, SULPHUR, Campbell's Patent.

Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.

No. 1, for houses up to 5,000 cu. ft., each \$7.50.

No. 2, for houses up to 10,000 cu. ft., each 10.50.

Glass Balls for above, each 10c.

Yellow powder for above. Per can 25c.

Metal containers for above. Each \$4.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.

Glass lamps, separate, each 60c. Extra wicks, each 10c.

GARDENER'S GLOVES, Hog Skin. With or without gauntlets. Per pair \$1.75.

Horse Hide. Best quality. Per pair \$2.00. With gauntlets, per pair \$2.25.

GARDEN LINES. Finest braided hemp. 100 ft. \$1.75, 200 ft. \$3.50.

GARDEN PENCILS. Indelible black. Each 15c.

GARDEN REELS for above of wrought iron. Small \$1.75; large \$3.00.

GLASS**CUTTERS.**

"Red Devil." No. 023, 25c.; No. 3 in 1, 60c., No. 45, with 6 extra cutters 75c.

Diamond. High quality finish. Each \$7.50.

GLASS FOR GLAZING SASH. Box of 50 sq. ft. Market price.

GLASSES, Magnifying. Each \$1.00.

GLASS CLOTH. For using on hotbeds or sash in place of glass. 36 in. wide, 1 to 10 yards, 45c. per yard; 11 to 25 yards, 40c. per yard; 25 to 50 yards, 38c. per yard; 50 to 100 yards, 35c. per yard.

GLAZING POINTS, "Peerless." 1000 80c.

GLAZING POINT PLIERS for the above. Ea. 60c.

GLAZING POINTS, Zinc. ⅝ in. or ¾ in. Box 60c.

GRAFTING WAX. For grafting cuts and bruises on trees. ¼ lb. 15c., ½ lb. 25c., lb. 40c.

GRAPE BAGS, Paper. Made with patent metal clasp. 100 75c., 1000 \$6.00. With string, 100 \$1.50, 1000 \$12.00.

GRASS EDGING KNIVES.

See knives. Page 78.

GRASS HOOKS

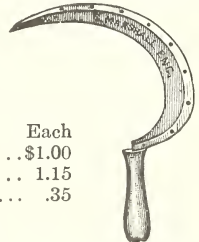
or **SICKLES.**

Best English welded back. Each

No. 2, medium.....\$1.00

No. 3, large.....1.15

American, large size......35



GRASS SHEARS. See Shears.

HAMMERS, GARDEN. With claw. Each \$2.00.

HAMPERS, Willow. For shipping vegetables. Furnished with rod, lock and two keys.

Size 24 x 14 x 14 in.\$15.00

Galvanized metal lined..... 23.00

Size 26 x 15 x 15 in. 16.50

Galvanized metal lined..... 26.00

Size 28 x 16 x 16 in. 17.00

Galvanized metal lined..... 28.00

HATCHETS. With claw. Each \$2.00.

HEDGE TRIMMER. See page 87.

HOES, DRAW. With handles. 5 in. \$1.00, 6 in. \$1.10, 7 in. \$1.20, 8 in. \$1.30.

HORTICULTURAL TOOLS AND REQUISITES—Continued

HOES, SCUFFLE, or DUTCH. English make. Handles, 50c. extra.

4 in....\$1.00	8 in....\$1.40
5 in.... 1.10	9 in.... 1.50
6 in.... 1.20	10 in.... 1.60
7 in.... 1.30	12 in.... 1.75



HOES, American Scuffle. 7 in. with handles, \$1.35.

HOES, WARREN. Heart-shaped, 7½ in., \$1.75.

HORSE BOOTS. For lawns; made of heavy leather.

Medium size, set of four, \$18.00; large size, \$20.00.

Baker's Metal. See page 94. \$10.00.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 35c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS. Bolt pattern. Doz. 60c.

HOSE COUPLINGS. Brass for ½ in. or ¾ in. hose. Each 20c.

Clincher Style. ½ in. or ¾ in. Each 30c.

Rain King. Quickly snaps on without turning. Each 60c.

HOSE CONNECTION. Gooseneck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION. Siamese. For connecting two leads of hose. Each \$1.25.

HOSE HOLDER. Gem. For holding hose when watering. Each 30c.

HOSE HYDRANT ATTACHMENT. Used for connecting hose to smooth faucets. Brass, each 35c.



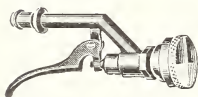
HOSE MENDERS. Each Doz.

"Cooper's." (See cut.) Brass, ½ or ¾ in. \$0.15 \$1.50

"The Perfect Clutching." ½ or ¾ in.. .20 2.00

HOSE NOZZLES

"Aquamatic." For sprinkling gardens, washing automobiles, etc. Wastes no water. Spray or stream. Each \$2.00. Nozzles only, each 40c.



"Gem," or "Graduating." ¾ in. hose. Can be regulated to give three different streams. Each 60c.



Hose Rose. Made with brass for ¾ in. hose. 3-in. face \$1.50, 4-in. face \$1.75.

"Hose Rose," or "Boston Spray." With coarse or fine spray, for ¾ in. hose. Each \$1.50.

Magic Spray Pipe. A spray, stream or shutoff combined. All brass. Each \$1.00.

"Newport or Knox." Fine for spraying under the foliage or sprinkling. Each \$1.50.

Rain King. Coarse or fine spray with only a slight turn of nozzle. Each \$1.50.



Stott's. A favorite among Rose growers. Single spray, each \$1.75, double spray \$3.00.

"The Boss." Spray or stream, with shutoff. Each \$1.10.

"Water Gun." A combined hose nozzle and lawn sprinkler. Makes a solid stream or spray. Each \$1.50.

HOSE, RUBBER. Per foot

"Marshall." ½ in., braided.....	\$0.21
"Marshall." ¾ in., braided.....	.23
"Electric." ½ in.....	.25
"Electric." ¾ in.....	.26
Special Spray Pump. ½ in.....	.30

HOSE NOZZLES FOR SPRAY PUMPS. "Bordeaux," Adjustable. Each \$1.25.

"Vermorel." A fine spray. Each \$1.15.

"Shower." Will not clog and does the work without waste of material and time. ¼ in. thread pipe. Each \$1.00.

Kant Clog Nozzle. Each \$1.10.

Mystry, Jr. A fine spray. Each \$1.25.



(Shower).

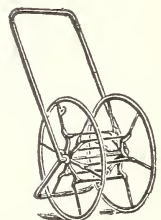
HOSE REELS. Made with tubular iron; strong and durable.

No. 10. For 100 ft., ¾ in. hose. Each \$6.00.

No. 20. For 150 ft., ¾ in. hose. Each \$6.75.

No. 31. For 500 ft., ¾ in. hose. Each \$18.00.

HOSE REEL. Victor. All metal steel frame, 9-in. corrugated steel drum. For 100 feet of hose. Each \$3.50.



REEL, EASY. Holds 375 ft. ¾ in. hose. All metal. Each \$3.00.

HOSE WASHERS. ¾ in. Doz. 10c., 100 50c.

HYACINTH STAKES. Dyed green.

12 in. long.....100 35c., 1000 \$3.00.

18 in. long.....100 40c., 1000 \$3.50.

KEEP OFF THE GRASS. Enameled metal sign. Each 50c.

KNEELING PADS. Made with sponge rubber. Size 15x7 in. Each \$1.50.

KNIVES, ASPARAGUS, American. Each 50c.

KNIVES, ASPARAGUS, English. Each \$3.50.



KNIVES, CORN. Forged steel. Each 75c.

KNIVES, BUDDING.



Each
American. No. 1687. Sharp point, brass lined \$3.00
American. No. 1697. Round point, brass lined 3.00
American. No. 1707. Round point, long handle, brass lined..... 4.00
American, two blades, brass lined..... 2.00
American. No. R1568. Florists, sharp point, cocobolo round handle 4 in. long..... 1.25



English, I. X. L. 7956B. Ivory handle, brass lined, sharp point..... 5.00

English, I. X. L. 7956B.S. Ivory handle, brass lined, round point..... 5.00

English I. X. L. 7954. Two blades..... 4.00

English, No. 0217, coco handle, round point... 3.00

English, No. 217, ivory handle, round point... 4.00

German, Henckels. No. 727 W. Two blades. 2.00

Dahlia Knife. For dividing tubers, blade 3½ in. long. Each \$2.00.

KNIVES, PRUNING.

American, No. R708, coco handle, medium size..... 1.50

American, No. R3853, stag handle, two blades. 2.00

American. No. R1608. Blade 2½ in. Cocobola handle, 4 in. long..... 1.25

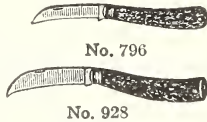
American, Allen's Metal Handle, 3 in. blade. 1.00

American, Keen Kutter, large size, wood handle, curved blade..... 1.50

HORTICULTURAL TOOLS AND REQUISITES—Continued

KNIVES—Continued.

English. No. 796, stag handle, small size, one blade, Each \$3.00.
English. No. 928, stag handle, large size, one blade, Each \$3.25.



German (Henckels). No. 796, stag handle. \$2.00.

KNIVES, EDGING.

English. Best steel, handles 50c. extra; 8 in. \$2.25; 9 in. \$2.50.
American. With handles. Each \$1.50.



LABELS, POT and GARDEN, Wooden.

Painted 100 1000	Painted 100 1000
4x5/8 in. \$0.30 \$2.25	6x7/8 in. \$0.50 \$3.00
4 1/2 x 5/8 in. .... .35 2.50	8x7 1/4 in. 1.00 8.50
5x5/8 in. .... .40 2.75	12x1 1/8 in. 1.50 13.00

LABELS, TREE, Copper Wired. 3 1/2 in. Painted. 100 50c., 1000 \$3.00.

LABELS, HANGING, Celluloid, with copper wires, 3 1/2 in. long by 11-16 in. wide. Doz. 20c., 100 \$1.00. 3 1/2 in. long, 1 1/2 in. wide. Doz. 75c., 100 \$5.00.

LABELS, POT, Celluloid. 5 in. long, 3/4 in. wide, Doz. 60c., 100 \$3.50; 6 in. long by 1 in. wide, Doz. 70c., 100 \$5.50.

LABELS, Seerite. A round glass label holder, with 4 1/2 in. wooden peg to go in ground. Box of 8 for \$1.00.

LABELS, The Simplex. Waterproof Doz. 100
 No. 1. 3x1 1/2 in. \$0.55 \$3.00
 No. 2. 4x3/4 in.75 5.00
 No. 3. 5x1 in. 1.00 7.00

Simplex Garden. With iron stake 24 in. long and metal ticket holder. Doz. \$3.00, 100 \$25.00.

LABELS, TREE or GARDEN, Zinc. Per 100:
 No. 1... \$3.00 No. 5... \$3.50 No. 13... \$1.50
 No. 2... 3.00 No. 6... 1.50 No. 15... 2.00
 No. 4... 3.00 No. 7... 1.50 No. 21... 2.00
 Ask for shapes and sizes.

INDELIBLE INK. For above. Bottle 30c.

LADIES' TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

LAWN SPRINKLERS. (See pages 100 to 101.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 90 to 93.)

LAWN MOWER SHARPENING COMPOUND. Per can, 60c.

LAWN MOWER SHARPENER, "Bergman." Each \$1.00.

LAWN SWEEPERS. (See page 94.)

LEAF-MOULD. Pk. 30c.; 1 barrel bag, \$2.00.

LINES. (See Garden Lines.)

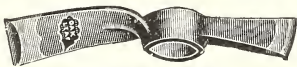
MASTICA. For reglazing greenhouses. Qt. 90c., gal. \$3.00

MASTICA GLAZING MACHINE. Each \$3.50.

MATTOCKS.

"Oak Leaf."

Hoe, 4 1/4 in.
 Cutter, 3 in.
 Each \$1.50.
 Handles, 50c.



MATS, FROST-PROOF, Burlap. These mats are

76 x 76 in. square and made of strong burlap filled with cotton. Each \$3.75, doz. \$42.00.
 Size 40x76 in., each \$2.75, doz. \$30.00.



MATS, Hotbed. Waterproof one side, burlap on other. 40x76 in., each \$3.50, doz. \$36.00; 76x76 in., each \$6.50, doz. \$65.00.

MATS, Milo Waterproof. Made from heavy burlap, felt and absorbent pulp, cemented together with a special waterproof compound. Impervious to rain, proof against frost and repellant to rats and mice. Size 80 by 78 in. Each \$4.50, doz. \$50.00.

Straw. Made with rye straw, 3x6 ft. Doz. \$20.00, 6x6 ft. doz. \$40.00.

MELON NETS. English make. Doz. \$2.50.

MOLE TRAPS.

Schroeter Improved. Low built and self setting. Each \$2.25.

"The Reddick." Each \$1.50.

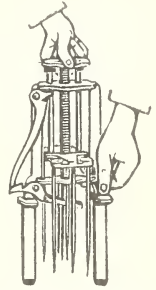
MO-LO. A preparation for destroying moles. Pkg. 25c.

MOSS, SPHAGNUM, LIVE. For orchids. Bag \$2.50.

For packing, 5-bbl. bale, \$4.00

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$7.00.



NAILS, English Wall. 1 1/2 in. Chandler's patent with lead tip to turn over vine. About 40 nails to lb. Lb. 70c.

Cast Iron. 1 1/2 in. About 140 nails to pound. Lb. 20c.

NETTING, Bird, for Strawberry beds, etc.; 20 or 30 ft. wide. Per lb. \$2.50; 1 lb. will cover 200 sq. ft.

NOZZLES. (See Hose Nozzles.)

OIL CANS. For lawn mowers, etc., brass bottom. 30c.

PAPER.

Kraft. Sheets 40x48 in. or 30x40 in. Per lb. 15c.

Kraft. Rolls 18 in. or 24 in. wide. Per lb. 15c.

Tissue. Ream (480 sheets.) 24x36 in. \$2.00.

Waxed Tissue. Ream (480 sheets), 24x36 in., \$3.50.

Coarse. For parceling. Lb. 16c.

Prices of paper are subject to change.

PEAT MOSS. Small bale \$1.50, large bale \$5.00.

PEAT, Rotted. 1-bbl. bag \$2.25.

PEAT, Orchid. 1-bbl. bag \$2.75.

PENCILS, GARDEN. For labels. Each 15c.

PICK MATTOCKS, "Oak Leaf."

Hoe 4 1/4 in.
 Pick 8 1/2 in.
 Each \$1.50.
 Handles 50c.



PICKS. Pointed both ends. Each \$1.50, handles 50c.

PLANT GUARDS. To protect plants against cut-worms, etc. 100 30c., 1000 \$2.50.

PLANT PROTECTORS. For Tomato or Egg Plants; wire with cotton covering. Each 25c., doz. \$2.50.

PLANT SPRINKLERS. (See Sprinklers.)

PLANT STAKES. Round, green, tapering (light).

	Each	Doz.	100
1 1/2 ft.	\$0.05	\$0.50	\$3.00
2 ft. ....	.06	.60	4.00
2 1/2 ft. ....	.08	.80	6.00
3 ft. ....	.11	1.10	8.00
3 1/2 ft. ....	.13	1.35	10.00
4 ft. ....	.17	1.75	12.00

	Each	Doz.	100
Round, green, tapering (heavy).			
4 ft. ....	.25	2.25	16.00
5 ft. ....	.27	2.75	18.00
6 ft. ....	.30	3.00	22.00

BEAN POLES. Cedar, pointed, 8 ft. to 9 ft. Doz. \$3.50, 100 \$26.00.

DAHLIA POLES. Heavy, round, green; tops painted white. Each Doz. 100

	Each	Doz.	100
3 ft.	\$0.20	\$2.00	\$12.50
4 ft. ....	.25	2.50	16.00
5 ft. ....	.27	2.75	18.00
6 ft. ....	.30	3.00	22.00

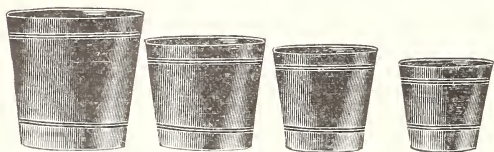
DAHLIA STAKES. Extra heavy. 1 in. square at bottom tapering to 3/4 in. at top, painted.

	Doz.	100
5 ft.	\$3.50	\$26.00
6 ft.	4.50	32.00

GALVANIZED WIRE, for Roses, etc. Plain or Anchored. No. 9 wire.

	100	100	100
2 1/2 ft. ... \$2.50	3 1/2 ft. \$3.50	4 1/2 ft. ... \$5.00	
3 ft. ... 3.00	4 ft. 4.00	5 ft. ... 5.50	

HORTICULTURAL TOOLS AND REQUISITES—Continued



POT COVERS. Made with metal painted green to fit standard size pots. 5 in. 75c.; 6 in. 85c.; 7 in. \$1.00; 8 in. \$1.20 each.

PLIERS. Side cutting, 6 in. \$1.50; 7 in. \$2.00.

POST HOLE DIGGER. Each \$2.50.

POT HANGERS. Wire. Each 20c., doz. \$2.00.

POTATO HOOKS. Broad, round prongs. 4-prong \$1.50, 5-prong \$1.75.

POTS. (See Flower Pots, pages 76, 77.)

POWDER DUSTER. For Slug Shot. Each 75c.

POWDER GUNS.

Double Barrel Dust Gun. Each 75c.

"Jumbo." Each 40c.

"Leggett's Little Giant." Each \$12.00.

"Leggett's Champion Duster." Each \$16.00.

PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. By piece of 50 yds., per yd. 35c.

Medium Grade. By piece of 60 yds., per yd. 30c.

PRUNER, or Lopping Shears.

Double Cut. Handles 30 in. long. Each \$2.75.

Handy Andy. A small lopping shear, 14 in. long. Very useful for small work. Each \$2.00.

"Keen-Kutter." Handles 22 in. Curved blade. Each \$3.50.

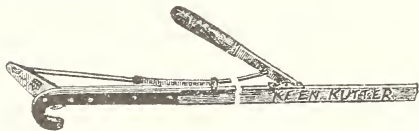
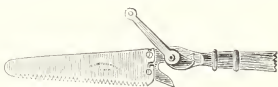
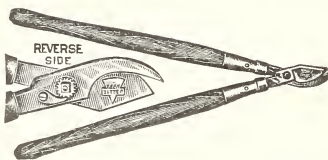
Eagle Lopping Shear. 20-in. handle. Each \$2.00.

Rhodes'. Cuts on both sides and does not bruise the bark. Length 26 in. and 36 in. Each \$6.50.

PRUNERS, TREE.

Bartlett Compound Lever. Does double the work of any other pruner with less exertion. 10 foot. Each \$5.50. Extra blades 50c.

Little Giant Pruner Hook and Saw Combined. Attaches to pole of any length. Each \$3.50.



Waters'. 8-ft. handle, \$2.75; 10-ft. handle, \$3.00; 12 ft. handle, \$3.25. Extra blades, 30c. each.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.25.

PUMPS. (See Spray Pumps, pages 96, 97, 98.)

PUTTIUM. A new glazing cement used in place of putty. Color gray. Gal. can \$3.00.

PUTTY BULB, Rubber. For glazing, \$1.35.

RAFFIA. The best material for tying plants. Per lb. 50c. Green, dyed, lb. \$1.25.

RAFFIA TAPE. Green, on spools of 100 yards. Each \$1.50.

RAKES.

Bamboo Lawn. Each \$1.00. Large size \$1.50. (See page 83).

Garden. Best steel, 8 teeth, \$1.00; 10 teeth, \$1.20; 12 teeth, \$1.30; 14 teeth, \$1.40; 16 teeth, \$1.50; 18 teeth, \$1.60.

Gem Dandelion. 15 in. wide. Each \$2.50.

Hay. Wooden, 3 bows, 12 teeth, \$1.10.

Hoover. Flexible steel for leaves, etc. \$1.00.

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.25.

Reversible. Galvanized, 24 teeth, \$1.25.

Lawn, "Olsen." 26 wood teeth, iron brace. Each \$1.10

Rake and Hoe. A combination tool, \$1.10.

REELS, GARDEN. Each \$1.75 and \$3.00.

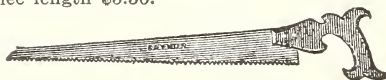
RIFLES, EMERY. For sharpening. Each 15c.

CARBORUNDUM. No. 57. Will sharpen any garden tool. 9 in. long with wood handle. Each \$1.00.

ROLLERS. (See page 94).

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER BOOTS, Gardeners and Farmers. State size when ordering. Per pair, hip length, \$7.00, knee length \$5.50.



SAWS.

Pruning, Disston. Single edge, 16 in. \$1.50, 18 in. \$1.75, 20 in. \$2.25. Double edge, 16 in. \$1.75, 18 in. \$2.00, 20 in. \$2.75.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.25. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.00. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$2.00.

Hand or Pruning, "Keen-Kutter." 20 in. blade, each \$2.25.

Cross-cut, One-Man. Cuts easily and rapidly. 4 ft. Each \$4.75.

SAW FILES. Best make. Each 20c. and 25c.

SCISSORS.

Grape or Vine. Best make, 7 in., \$1.50

Flower Gatherers. Best quality. 6 1/4 in., \$1.75.

SCISSORS, PRUNING. English make, 4 in., \$2.25. 5 in., \$2.50.

SASH, HOTBED, Extra Strong.

Unglazed. Made of best cypress. Regular size 3x6 ft., for using 6x8 in. glass. No. 4, each \$3.50.

Glazed (Packing extra). Size 3x6 ft., using 6x8 in. glass. Painted two coats white. No. 4, each \$6.50.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8x10 in. glass. No. 9, each \$7.00.

Glazed with 10x12 in. double thick glass. Size 3x6 ft. Iron cross bar, No. 11, each \$7.50.

"Sunlight." Double Glass. Glazed with 10x12 in. double, two layers thick glass, painted two coats, white. No. 12, each \$11.00.

Hotbed Frames for Sash. Painted. For 2 sash, each \$14.00; for 3 sash, each \$18.00; for 4 sash, each \$23.00; for 5 sash, each \$28.00.

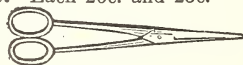
SCYTHES.

Lawn, English. 30 to 34 in., each \$3.00.

Grass, American. 30 to 40 in., each \$2.50.

Brush or Weed. 18 to 21 in., each \$2.25.

SCYTHE SNATHS (or Handle). Each \$2.00.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SCYTHE STONES. Flat, each 25c., doz. \$2.50.
Carborundum. No. 57. Each \$1.00.
English. Round pointed. Each 35c.

SEEDLING PRICKER. For transplanting seedlings.
 Each 25c.

SEEDERS. (See pages 85, 88 and 94).

SEEDERS, Sowrite. Fiberloid for fine flower seeds.
 Each \$1.00. (See page 85.)
Sowrite. For all seeds to size of Sweet Peas. Metal,
 nickel plated. Each \$1.50.

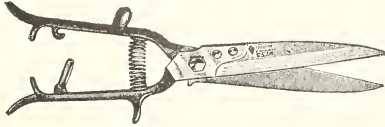
SHADING, Summer Cloud. English shading for
 greenhouses. $\frac{1}{2}$ lb. pkg. 75c.

SHADE-O. For shading greenhouses. Lb. \$1.25.

SHEARS.

Grass Border.
 English (with-
 out wheel.)
 8 in. \$5.50
 9 in. 6.00
 10 in. 6.50

American. Without wheel. 9 in., \$4.00.

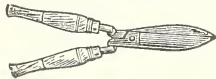


Grass, Improved No. 09. 6 in. steel blades with
 7 in. metal handle and spiral steel spring. \$1.50.

Grass or Sheep. Best trowel shank. \$1.25.

Goodwin Patent Ball Bearing Grass. Each \$2.25.

Hedge. American.
 (With notch, 25c.
 extra.) 8 in. \$2.50;
 9 in., \$3.00;



Hedge, English Make. 8 in., \$3.00; 9 in., \$3.50;
 10 in., \$4.00. With notch, 35c. extra.

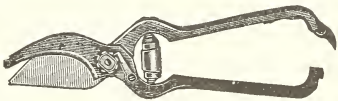
Hedge, Serrated Edge. 9 in. \$2.25; 10 in., \$2.50.

Extra Bolts, Nuts and Washers. Per set 25c.

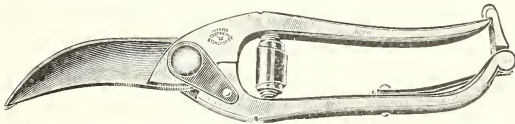
Wiss Hedge. Drop forged steel handles, concave
 blades, one serrated. 8 in. \$2.75, 9 in. \$3.00.

Lopping Shears. (See Pruners.)

**California
 Pattern.**
 9 in. long
 (See cut)
 E a c h
 \$1.00.



Disston Pruning No. 152. $8\frac{3}{4}$ in., extra strong
 Each \$3.50.



Kunde Pruning. Can be used for heavy or light
 branches. \$5.00.

Lion Pruning. Double beveled cutting blade.
 Nickel-plated handle. 8 in. \$2.50.

Ladies' Pruning. $6\frac{1}{2}$ in. Nickel plated, \$1.50.

Perfection Pruning. Cuts
 on both sides. $6\frac{1}{2}$ in.,
 \$3.50; $7\frac{1}{2}$ in., \$4.00;
 $8\frac{1}{2}$ in., \$4.50; $9\frac{1}{2}$ in.,
 \$5.00.



Plucca Pruner. Made to hold the twig that is
 cut off. \$3.00.



Watch Spring Pruning.
 Imported French, 7 in.,
 \$3.00; 8 in., \$3.50; 9 in.,
 \$4.00.

SHEARS, PRUNING—Continued

Wiss, Hand Pruning. (Solid Steel). 9 in., \$3.50;
 10 in., \$4.00; extra blades, \$1.00 each.

Wiss Pruning No. 209. Blade and handle one
 piece of steel. 9 in. \$1.50.

Wiss Pruning No. 309. Forged steel blades.
 9 in. \$2.50.

SHARPENER, Self Grinding. For sharpening
 knives, shears, scissors, etc. Each \$2.00.

SHREDS, Medicated Garden. For nailing on trees,
 vines, etc. 3 in., 100 60c.; 4 in., 100 75c.



**SHOVELS, "Keen-Kutter." Square and Diamond
 Pointed.** Long or short handles. Each \$2.50.
Best Steel, Square or pointed. Each \$1.75.

SIEVES, WIRE. For sifting loam, gravel, etc. $\frac{1}{2}$ in.,
 $\frac{3}{4}$ in., $\frac{1}{2}$ in., or $\frac{3}{4}$ in. mesh, 18 in. in diam., each
 \$2.50.

SIGN, "Keep Off the Grass." Metal with enameled
 letters. Size $3\frac{1}{4}$ x 19 in. Each 50c.

SILKALINE, Meyer's Green. Fast color. Spool
 50c. Box of 8 spools \$3.50.

Florists' Thread. 2-oz. spools, each 25c., doz. \$2.50.

SMILAX TWINE. Green. Box of 8 balls \$1.25.

SOAP DISPENSER, "Wilson's Sanitary." To use
 with Wilson's Liquid Soap. Each \$2.50.

SOIL TESTER, "Soiltex." The new pocket soil
 tester, contains enough material for making 75 to
 100 soil tests. Outfit complete, \$1.00.



SPADES. Best cast steel. Long or short handles.
 Each \$1.75.

"Keen-Kutter," extra quality, each \$2.50.

SPRAYERS. (See pages 96, 97 and 98.)

SPRINKLERS.

Rubber. Scollay's straight neck. No. 1, 12-oz.
 size, \$1.50.

The Ideal. Made entirely of metal and fits any
 bottle; can be used at any angle for insecticides or
 water. Each \$1.00.

STAKES. (See Plant Stakes and Canes.)

STAKES, HYACINTH. Green. 18 in. long. Doz.
 5c., 100 40c., 1000 \$3.50.

STEEL WOOL PADS. For cleaning all tools.
 Each 60c.

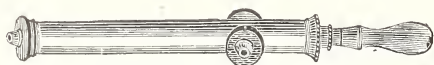
STICKS, Match. 18 in. long. 1000 \$3.00.

STYPTIC. To prevent bleeding of vines. Bottles,
 each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent.
 (See Fumigators, page 77.)

SUNDIALS. Made with cast bronze. Diam. 11 in.
 Each \$10.00.

HORTICULTURAL TOOLS AND REQUISITES—Continued

**SYRINGES, GARDEN, Brass.**

No. C, length 14½ in., diam. 1¼ in., one spray rose and stream. Each \$4.50.

No. 11, length 18 in., diam. 1½ in., two spray roses and one stream. Each \$6.00.

No. 5, length 18 in., diam. 1½ in., two spray roses and one stream, extra heavy and strongly mounted. Each \$8.00.

Goosenecks. For syringes. Each \$1.00.

TARRED FELT DISCS. For Cabbage plants. 100 50c., 1000 \$4.00.

TENNIS NETS. Single court, 27x3 ft. Double court, 36x3 ft., canvas bound. Prices on application.

TENNIS MARKER, No. 0 Dry Marker. For marking tennis courts. \$3.50.

THERMOMETERS.

Mushroom Bed. All metal. each \$3.75; wood, brass tip \$2.00.

Brooder, "Tycoos." Each \$1.00.

Distance Scale. Metal frame. Each \$1.00.

Household. Wood frame. 8 or 10 in., 75c. to \$1.50.

Incubator, Tycoos. Each 75c.

Japan Tin Case, Metal Scale. 8 in., 90c.; 10 in., \$1.10.

Maximum Registering. Wood frame. Each \$2.75.

Minimum Registering. Wood frame, each \$2.75.

Porcelain Scale. For conservatory. Each \$1.50.

Self-Registering, "Tycoos." Burnished copper frame. Size 10 in. \$7.00.

Self-Registering, "Hicks." English make, box-wood scale. 10 in. \$8.00.

Self-Registering. Imported, metal frame, 10 in. porcelain scale. Each \$3.00.

Temprite. Heavy metal, for greenhouse or outside. White with black figures. 9 in. Each \$1.25.

Window. Round glass with metal hangers. 8 in. Each \$2.00.

Magnets. For self-registering. 75c.

TINFOIL. Lb. 30c., violet or green, lb. 75c.

TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

Ladies Garden Beauty. Hoe, rake and trowel. \$1.00.

TOOTH PICKS. Wired. 1000 75c.

TORCHES, Asbestos. For burning tent caterpillars. Each 60c.

Collin's Caterpillar Torch. A swinging lamp with attachment to pole with pan to catch the caterpillars that fall. Torch and catcher, \$1.00; 12 ft. pole in 3 sections, \$1.00.

TOMATO SUPPORTS. Heavy galvanized wire rings. Each 40c., doz. \$4.00.

Adjusto. (See page 95).

Wooden Tomato and Plant Supports. Four square legs and cross bars, 3 ft. high and 16 in. wide. Each 35c., doz. \$3.50.

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$5.50.

TREE GUARDS, "Excelsior." Close mesh style. Wires No. 9 horizontal, and No. 8 vertical. Fastens with hooks and eyes. Rustproof finish. Diameter 8 in., height 6 ft. Each \$2.50, doz. \$27.50.

TREE SCRAPERS. Large iron with handle. Each \$1.25. Extra blades 60c.

TROWELS.

Steel. 6 in., 75c.; 7

in., 80c.; 8 in., 90c.

Cast Steel. Ea. 35c.

Cleve's Angle. Large, size, each 25c.

Maynard. Heavy, one-piece steel. Each \$1.10.

TUBS, PLANT. (See page 85.)

TURFING IRONS. English, with handles. Each \$8.00.

American. With handles. Each \$2.75.

TWINE.

Cotton. White, per lb. \$1.20.

Green Smilax. Box of 8 balls, \$1.25.

Marline (Tarred Twine). Lb. 60c.

Marline. Small size. Per ball \$1.00.

Hemp. All sizes. Lb. \$1.00.

Jute. Three- or four-ply, for trees. Lb. 50c.

WEEDERS.

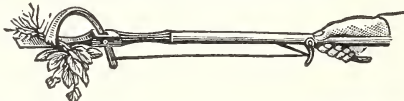
"Adjustable."

Three Prong

(See cut.) Each 75c.

Daisy Grubber. English. Each \$1.25.

"Excelsior." Five-claw fingers. Each 20c.



"Cleveland." Can be used easily and without stooping. (See cut.) Each \$1.25.

"Eureka." Very useful for garden purposes. Each 60c.



Handy. Used with gasoline or kerosene on Dandelions in lawns. Each \$1.25.



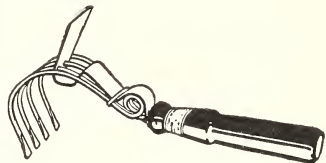
Lawn. For removing docks, dandelion, etc.; can also be used as an Asparagus knife. 50c.

Magic "D."

6 in. handle, weeder and hoe combined. Four prongs. Each 50c.

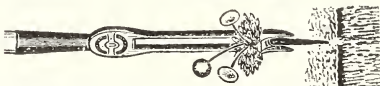
"Magic B."

18 in. handle. Threeprongs. Each 25c.



Magic "H." Weeder and hoe combined. Handle, 48 in. Four prongs. Each \$1.25.

Spud Weeder. English, with 2 in. blade. Very handy for cutting out weeds in lawns or borders. Each 65c.



The Out-U-Come. A useful tool for pulling Dandelions, etc., from lawns. Each \$1.00.

WEATHER VANES, No. 170A. Made with copper. A rooster standing on an arrow. 14 in. high with 18 in. arrow. Each \$15.00.

WIRE, Annealed for Stemming.

Per lb.

No. 23. Coarse. 18 in. lengths.....\$0.30

No. 26. Coarse. 12 in. lengths......40

No. 34. Fine hair. 12 in. lengths......60

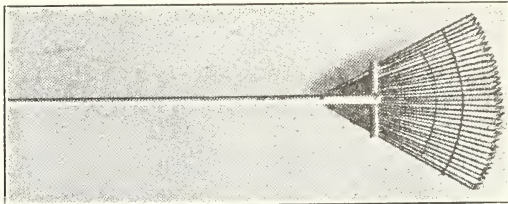
BAMBOO LAWN RAKE

A Superior Make

This rake cannot be compared with the cheaper quality that is often offered. The head is wired top and bottom and has a four-foot wood handle clamped onto the rake.

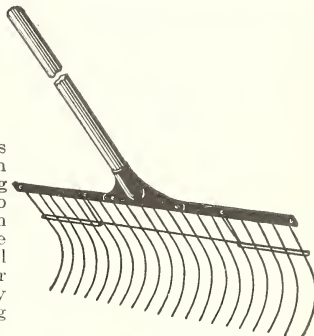
Made with split bamboo. Very light and flexible; for raking leaves, grass or paths. An excellent rake for removing crab or August grass in lawns.

Each \$1.00. Large size \$1.50.



HOOVER LAWN RAKE

The teeth of this rake are made with flexible steel spring wire and will fit into any irregularities on the surface of the ground, taking all leaves, dead grass or refuse without any injury to the living grass. Each \$1.00.



"KONGO" COIR BASS BROOM

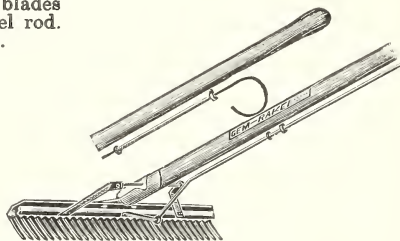
This broom is made with Coir Fibre with a metal case fastening. It sweeps fine, is tough, impervious to hot or cold water and does not dry up and break off. Makes a fine broom for stable, garage, greenhouse work, also for cleaning gutters on roads. Each \$2.00.



ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 lbs. complete with long handle. The blades are forged out of a solid steel rod. 3 prong, \$1.00; 5 prong, \$1.25.

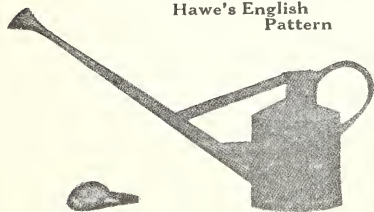


THE GEM DANDELION RAKE

A scientifically constructed tool for eliminating Dandelions and other seeds of weeds in lawns. It has fine, blade-like teeth that lie flat against the sod and clip off all buds and flowers. The self-cleaning attachment combs the teeth clean and is connected to a rod on the handle which cleans the teeth on a slight pull on the finger hook. The spring sending the cleaning bar back to its position. Width 15 in. Each \$2.50.

WATERING POTS

Hawe's English Pattern



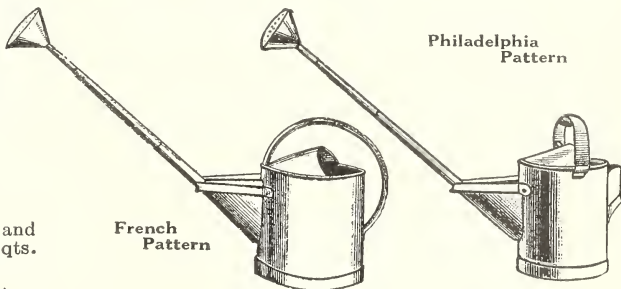
French Pattern, Oval. With long spout and brass bow handle. 2 roses. 6 qts. \$6.00, 8 qts. \$6.50, 10 qts. \$7.00, 12 qts. \$7.50.

Philadelphia Pattern, Round. With two copper-faced roses. 4 qts. \$4.25, 6 qts. \$5.25, 8 qts. \$5.50, 10 qts. \$6.00, 12 qts. \$6.50.

Extra Roses. Fine or coarse. Each 70c.

Hawe's English. Valuable for watering fine seeds as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. No. 2, 4 qts. \$6.50. No. 3, 6 qts. \$7.50. No. 4, 8 qts. \$8.50. No. 5, 10 qts. \$9.50.

Philadelphia Pattern



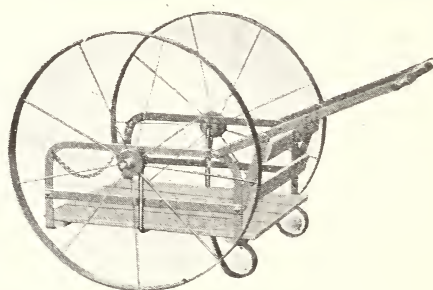
French Pattern

Low, or Strawberry Pattern. One fine rose. 4 qts. \$4.50.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. 90c., 6 qts. \$1.00, 8 qts. \$1.10, 10 qts. \$1.50, 12 qts. \$1.75, 16 qts. \$2.00.

LANSING HANDY CART

This cart is well built of the best materials. The 36-inch wheels have 2-inch tires with 12 spokes. The axles and framework are of steel. It can be used for carrying milk cans, barrels of feed or water, fodder, feed and other purposes. The platform is 28 x 32 inches. Price \$13.00.



COMBINATION WATER BARREL, TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with wheels with 3-inch tires.

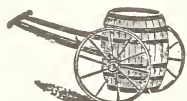


Fig. 6

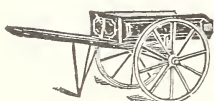


Fig. 162

TRUCK AND WATER BARREL

Fig. 6. Truck, with 3-in. tires and barrel.....	\$25.00
Truck without barrel, 3-in. tires.....	18.00

TRUCK AND LEAF RACK

Fig. 162. Truck, with 3-in. tires.....	33.00
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TRUCK, BARREL, LEAF RACK AND CART

Complete with 3-in. tires.....	47.00
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TRUCK, HANDCART AND BARREL

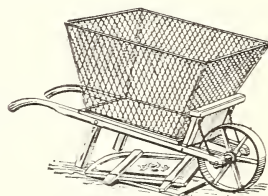
Fig. 7. Truck, with 3-in. tires.....	32.00
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ADDITIONAL ATTACHMENTS

Box for Handcart, 24 in. wide, 38 in. long, 10 in. deep.....	7.00
Leaf Rack for Truck.....	15.00
Extra Barrels with Trunnions.....	7.00
Truck and Box Cart.....	25.00
Extra Trunnions for Barrel, per pair.....	.50
Stay Rods for Barrel.....	1.00

WHEELBARROW LEAF-RACK

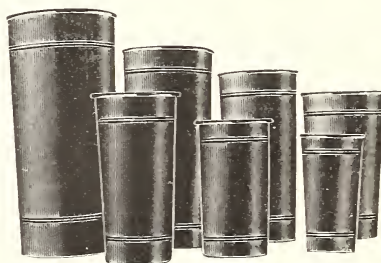
Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, with wood base to stand on wheelbarrow. Each \$9.00.



FLOWER VASES, GALVANIZED

Made with heavy galvanized metal, will not break or rust.

	Width	Depth	Each	Doz.
No. 1.	5½ in.	9½ in.	\$0.50	\$5.00
No. 1A.	6 in.	12½ in.	.70	7.00
No. 2A.	6½ in.	15 in.	.90	9.00
No. 3.	8 in.	17 in.	1.10	11.00
No. 4.	8 in.	20 in.	1.50	15.00



METAL FLOWER VASES

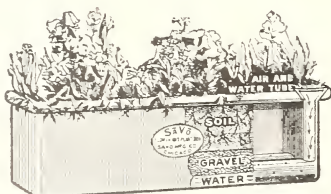
Made with heavy galvanized sheet metal; finished with durable green paint.

No. 01,	7½ in. deep,	3¾ in. diam.	Each	\$0.70
No. 2,	10 in. deep,	6½ in. diam.	Each	.90
No. 4,	15 in. deep,	7 in. diam.	Each	1.00
No. 6,	17 in. deep,	8 in. diam.	Each	1.30
No. 7,	20 in. deep,	9 in. diam.	Each	2.00

WOODEN WINDOW BOX

THE "SAVO" WINDOW BOX

Self-watering and sub-irrigating, for windows, porches, sun parlors, etc.



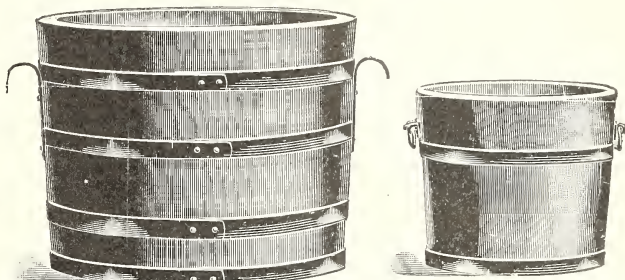
	Height	Width	Length	Each
Model A.	8 in.	9½ in.	23 in.	\$3.00
Model B.	8 in.	9½ in.	29 in.	4.00
Model C.	8 in.	9½ in.	35 in.	4.50
Model D.	8 in.	9½ in.	41 in.	5.00

Made with chestnut wood, stained. Size 30 in. long, 8 in. wide outside, 6 in. deep inside. Each \$1.20.
Size 36 in. long, 8 in. wide, 6 in. deep. Each \$1.40.

NEW YORK CEDAR TREE TUBS

Are made of cedar with extra heavy staves and hoops and will be found very strong and durable. Painted green in regular stock. Any color desired to order. Outside measurements.

No.	Diameter	Height	Each
No. 00....	32 in.	26 in.	\$21.00
No. 0....	30 in.	24 in.	18.50
No. 1....	28 in.	22 in.	16.00
No. 2....	26 in.	20 in.	13.50
No. 3....	24 in.	18½ in.	8.50
No. 4....	22 in.	17 in.	7.00
No. 5....	20 in.	16 in.	6.00
No. 6....	18½ in.	15 in.	5.00
No. 7....	16½ in.	14 in.	4.50
No. 8....	15½ in.	13 in.	3.75
No. 9....	14 in.	12 in.	3.25
No. 10....	12 in.	9½ in.	2.75



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered. Four feet for Nos. 00, 0, 1 and 2, 50c. each foot. Three feet for all others, 35c. each foot.

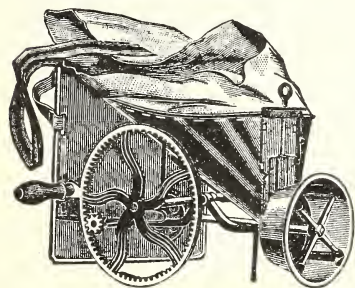
MARSHALL'S PLANT TUBS

Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply drop handles if wanted at 30 cts. per pair. Inside measurements.



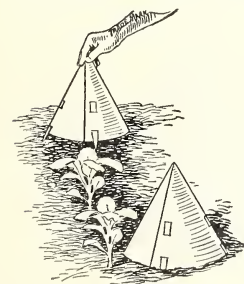
No.	Diameter	Height	Each	No.	Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.70	No. 8.....	13 in.	12 in.	\$2.00
No. 4.....	9 in.	9 in.	.75	No. 10.....	15 in.	14 in.	2.50
No. 5.....	10 in.	9 in.	1.00	No. 12.....	17 in.	16 in.	3.50
No. 6.....	11 in.	10 in.	1.30	No. 14.....	19 in.	18 in.	4.25

CAHOON'S BROADCAST SEED SOWER



This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator. \$6.50.

EVER-READY FROST PROTECTOR



This Plant Protector is made from a black, weather-proof paper, which will last indefinitely. They come packed flat with stakes for locking the edges and anchoring the cone to the ground. Once assembled they can be nested for storage and used from year to year. They can also be used for shade and windbreaks for plants just set out. Doz. 60c., 50 for \$2.25, 100 for \$4.00, 1000 \$35.00.

Sowrite Seed-Sower

Sows Seeds at a Touch!

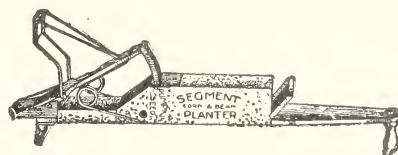


The Sowrite Seed Sower is operated with both hands. One hand holds the seed sower with the feeder tube extended over the back of the hand, with the other tapping it lightly (see illustration). Tip the tube slightly towards the soil and you will find that you can practically sow the seeds as closely or as sparsely as you wish. The slide in the cup regulates the opening according to the size of the seed, and the graduating hole controls the out-flow of even the finest seeds.

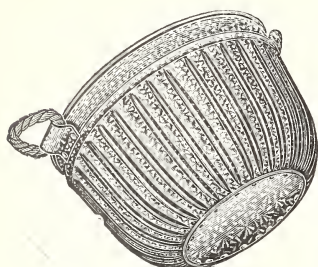
Model 1922 is used for sowing any of the fine seeds of flowers or vegetables. Made of fiberloid non-breakable. Each \$1.00.

Model 1923 will sow any seeds up to the size of Sweet Peas. Made of metal, nickel-plated. Each \$1.50.

HAND CORN-PLANTERS



The "Segment" is light, strong, accurate and withal the cheapest and most up-to-date planter on the market. Price, \$2.75.



GALVANIZED BASKETS

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work. Also for carrying water, washing pots in, or mixing insecticides.

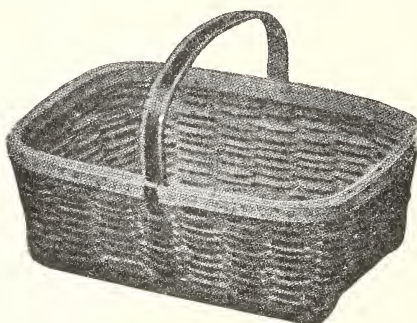
No. 0.	$\frac{3}{4}$ bushel.....	Each
No. 1.	1 bushel.....	\$2.00
No. 2.	2 bushels.....	2.50
		3.00

GARDENERS' BASKETS

Adapted for gathering Fruits, Vegetables, Flowers and other purposes around the garden or greenhouse.

Made with splint and bamboo bound with metal straps. Very strong and durable.

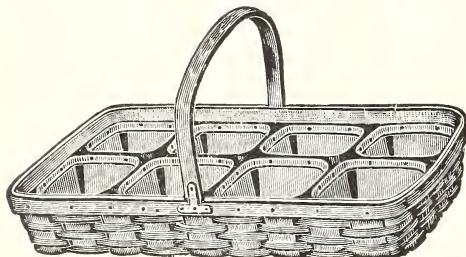
No. 1	size 19 in. x 11½ in. x 7 in. deep.....	\$2.00
No. 2	size 20½ in. x 13 in. x 7 in. deep.....	2.25
No. 3	size 23 in. x 14½ in. x 8 in. deep.....	2.50
No. 4	size 24 in. x 15½ in. x 9 in. deep.....	2.75
No. 5	size 30 in. x 20 in. x 11 in. deep.....	3.25



FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

Medium	size, No. 2, 20 x 12 x 3½ in.....	Each \$1.25
Large	size, No. 3, 24 x 12 x 3½ in.....	Each 1.50



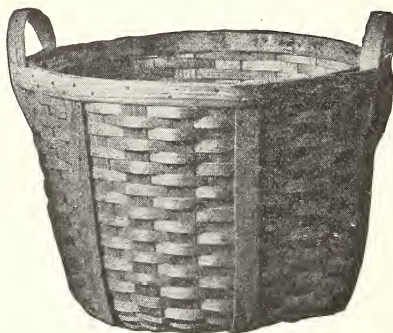
STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. Pint size. Per 100 \$1.25. Per 1000 \$11.00. One quart size. Per 100 \$1.50. Per 1000 \$13.00. 2 quart size per 100 \$3.00. 3 quart size per 100 \$3.50. 4 quart size per 100 \$4.00.

GENERAL FARM BASKETS

Made with best oak splint, reinforced with hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....	Each \$2.00	2 bushel size.....	Each \$3.00
1½ bushel size.....	Each 2.50	3 bushel size.....	Each 3.50



PICKING BASKETS

Used for gathering apples, pears and other varieties of fruit. $\frac{1}{2}$ bushel size with drop handle, each \$1.25.

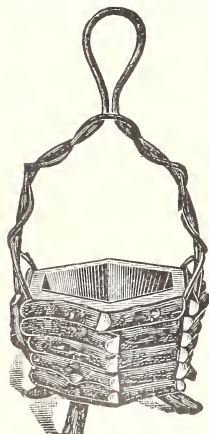
ENGLISH GARDEN BASKETS

Made with wood with strong wooden handle and feet. Handy for cut flowers and vegetables.

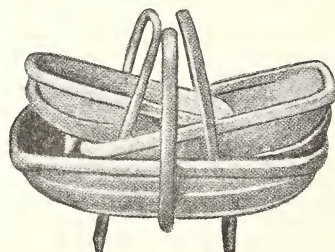
No. 2.	11½ in. long 6 in. wide.....	Each \$1.25
No. 4.	15 in. long 8 in. wide.....	Each 2.00
No. 6.	18½ in. long 10 in. wide.....	Each 2.50
No. 8.	23 in. long 12 in. wide.....	Each 3.75

RUSTIC HANGING BASKETS

Made from laurel roots, elegantly finished and rattan handle. These baskets cannot be equalled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.

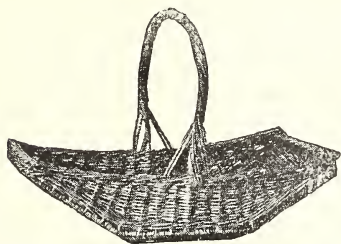


Hanging Basket



FLOWER GATHERING BASKET

A well made willow basket, 16½ inches long, 3 inches deep in the center, and 10 inches wide; 10-inch bow handle with holder for scissors on the side. Each \$4.00.



THE "LITTLE WONDER" HEDGE TRIMMER

This trimmer entirely revolutionizes hedge trimming. It is wonderful how quick it cuts and how smooth a job it makes and how easy it operates. To get a beautiful thick hedge it is necessary to trim at least every three weeks. The "Little Wonder" makes the frequent cutting possible without practically any expense. It cuts from five to ten times as fast as by hand and does better work. Guaranteed for one year and complete instruction accompanies each machine.

30-in., one-man machine..... Each \$25.00
40-in., one- or two-man machine..... Each \$27.50
60-in., two-man machine..... Each \$35.00

THE ELECTRIC LITTLE WONDER HEDGE TRIMMER



A marvel for hedge trimming. The most rapid and easy method yet devised. Saves untold hard labor and a tremendous amount of time. Operated with a one-tenth H. P. General Electric motor. Control switch on handle. Cord can be plugged into nearest light socket.

Electric Gear Head, with 100 feet of waterproof cord and gear frame, complete, all ready to be attached to cutting bar. Price \$90.00. 40-in. Cutting Bar (1 man), each \$16.50; 60-in. Cutting Bar (2 men), each \$24.00. Extra 100 ft. lengths of No. 18 wire, each \$6.00.



SIMPLICITY TRIMMER AND PRUNER

Actually doing more work with less work. Accomplishing in an hour what formerly took four hours with the old style shears.

Simplicities cut both in opening and closing. Think of it! What a time and energy saver this is.

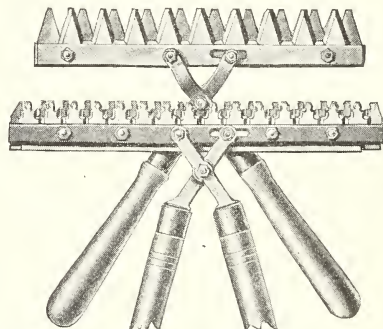
Simplicities seem to almost work automatically and you must actually try them to realize how easy they work.

Simplicity Trimmer for first year growth only weighs but 2 lbs.

Simplicity Pruner and Trimmer for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but 3 lbs.

Simplicities are made of the finest high grade carbon steel and will give you long service and satisfaction.

Trimmer \$4.00; Pruner and Trimmer \$6.00.

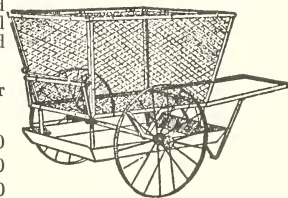


PORTABLE REFUSE BURNERS

A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. It is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1, capacity 16 cubic feet.....\$50.00
No. 2, capacity 11 cubic feet..... 45.00
No. 3, capacity 5 cubic feet..... 40.00



WHEELBARROWS, GARDEN

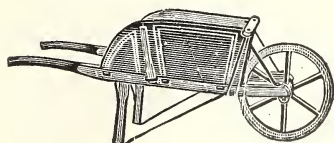
All nicely painted, iron leg braces thoroughly bolted. Wheels steel with 3-inch treads.

No. 3. Small size. Box 24 in. long, 20 in. wide at handles.... Each \$7.50

No. 4. Medium size. Box 26½ in. long, 23 in. wide at handles. Each \$8.50

No. 5. Large size. Box 28 in. long, 24 in. wide at handles.. Each \$9.50

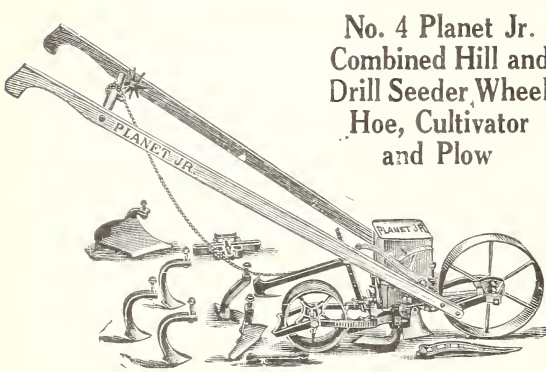
Greenhouse Wheelbarrow. A very narrow style for use in greenhouses. Extreme width at handles only 20 inches. Each \$12.00.



PLANET JR. TOOLS

Products of 36 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



No. 4 complete\$18.00

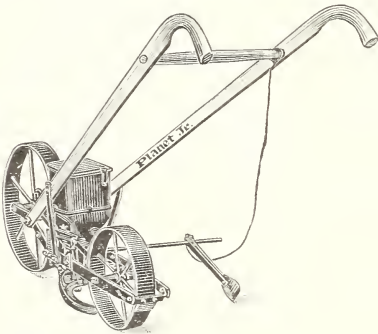
No. 4 D, as a Seeder only..... 14.25

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe

As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$21.50.

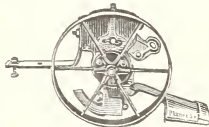


No. 26 Planet Jr. Drill Seeder

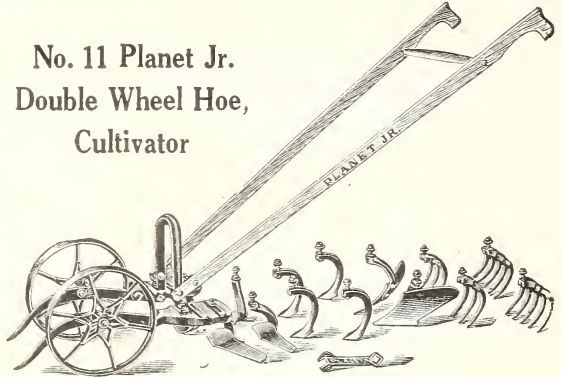
A new seeder that will sow large or small seeds. Hopper holds 4 qts. Has automatic shut off. \$20.00.

No. 35 Seeder Attachment

The above can be attached to any Planet Jr. Single or Double Wheel Hoe. The Hopper holds a pint of seed, is indexed for all the principal seeds and will sow the last seed, so that a small packet can be sown without waste. Price, \$6.50.



No. 11 Planet Jr. Double Wheel Hoe, Cultivator

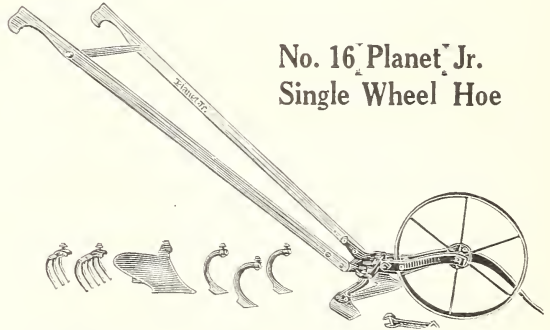


Price, with attachments, as in cut, \$13.75.

No. 12 Double Wheel Hoe, Price \$10.75

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf lifters only.

No. 16 Planet Jr. Single Wheel Hoe



Price, with attachments, as in cut, \$9.00.

No. 17 Single Wheel Hoe, Price \$7.75

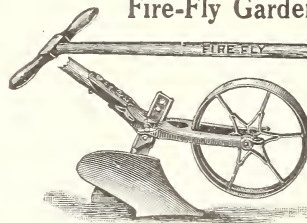
The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe, Price \$5.75

Has one pair of 6-inch hoes only—the tools that are most constantly useful. Other tools can be added as needed.

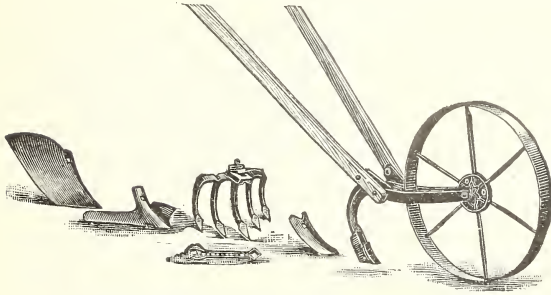
Fire-Fly Garden Plow

Price, \$4.25.



This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

PLANET JR. TOOLS.—Continued



No. 19 Farmers' Single Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator and one 4-in. cultivator. Price, complete, \$6.00.

Extra Parts for Planet Jrs.

We shall be pleased to supply any parts or attachments shown on pages 30 and 64, 65 and 66 of the regular Planet Jr. catalogue. Always give Number of Tool or send broken part when ordering.



Cultivator Teeth. Plow. Hoes.
Cultivator Teeth. Each 40 cts. Hoes 6-inch per pair, \$1.30. Plow for S. W. H., each, \$1.35.

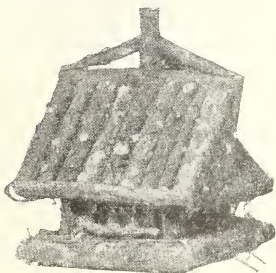
Planet Jr. No. 2 Lawn Edger



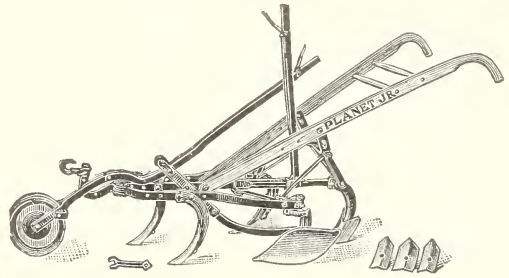
Every one who uses a lawn mower should have a Planet Jr. No. 2 Grass Edger. The cutting blade is made of the best quality steel and well sharpened. The handle is strong, being made of good quality wood. In order to have attractive lawns, keep the edges well trimmed. There is no better tool for this purpose than the Planet Jr. No. 2 Edger. Price \$1.60.

SOILTEX SOIL TESTER

A handy pocket outfit, containing enough material for 75 to 100 tests. Complete with color chart and lime tables. It determines accurately the degree of acidity of any soil and tells exactly how much lime should be applied. Complete outfit, \$1.00.



Bird House, No. 4 Log Cabin



No. 8 Planet Jr. Horse Hoe and Cultivator

The above as illustrated can be used for cultivating almost every known crop in rows. Price, complete, \$17.50.

HAND FERTILIZER SOWER



The Hand Sower is small, light, easily operated in close quarters, conveniently drawn by one man and well balanced, fills a need on the smaller place that no other fertilizer distributor can reach. Particularly in top dressing lawns and putting greens on golf courses is the Stevens Hand Sower a veritable necessity. The Hand Sower carries a wood hopper 34 in. long and with capacity of $1\frac{1}{2}$ bushels. The weight without load is only 85 lbs. Great care has been exercised in its construction to provide for easy balance when loaded. One man easily handles it. Price \$30.00.

Bergman Lawn Mower Sharpener



An individual sharpener which is adjustable to all types and makes of lawn mowers. No danger of making low spots in the blades as with a file, as a long, sweeping stroke with a Bergman grinds the blade evenly. Each \$1.00.

RUSTIC BIRD HOUSES

The Rustic Bird Houses are made with Rustic Cedar and are very ornamental and attractive to all birds. Each

No. 1 Log Cabin, one-family house, 10 in. wide, 10 in. high...	\$2.50	\$2.75
No. 2 Log Cabin, two-family house, 10 in. wide, 12 in. high, 14 in. deep..	4.00	
No. 3 Log Cabin, two-family house, 14 in. wide, 12 in. high, 17 in. deep..	5.50	
No. 4 Log Cabin, two-family house, 14 in. wide, 17 in. high, 16 in. deep..	7.50	
No. 5 Wren House, four-family house, 14 in. wide, 18 in. high, 19 in. deep..	9.00	
No. 6 Hexagonal, one-family house, 12 in. wide, 14 in. high, 19 in. deep..	4.50	
No. 7 Twelve-room Martin House, 24 in. wide, 22 in. high.....	22.00	

COLDWELL'S IMPERIAL ROLLER-BEARING LAWN MOWER

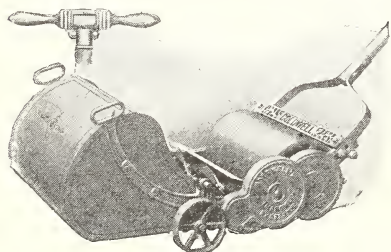
The lightest running machine. Has 10¼-inch wheels, five blades, standard Hyatt Roller Bearings, triple pawl ratchet gears, and finest finished parts.

15-inch.....\$20.00 18-inch.....\$22.00 21-inch.....\$24.00

COLDWELL'S JEWEL LAWN MOWER

This machine has 8-inch driving wheels, four blades in the revolving cutter and double ratchet, fine cut gears. The bearings are provided with split brass bushings, by means of which all wear can be taken up.

14-inch.....\$8.50 16-inch.....\$9.50



Improved Excelsior Mower

IMPROVED EXCELSIOR MOWER

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

Net price, 12-inch, 6 blades.....\$40.00

Net price, 14-inch, 6 blades.....42.00

Net price, 16-inch, 6 blades.....44.00

Net price, 18-inch, 6 blades.....46.00

Metal Grass Catchers, each \$6.50. F. O. B. Newburgh, N. Y.

GREAT STATES MOWER

These Mowers have self-adjusting ball bearings and self-sharpening blades, are strongly built and have no complicated parts or adjustments. Cutting reel is 5¼ inch with four blades. The drive wheels are 10¼ inches with deep corrugations. Every machine is guaranteed to give satisfactory service.

14-inch....\$11.00 16-inch.....\$11.75 18-inch...\$12.50

COLDWELL BILTMORE MOWER

Made with Timken Roller Bearings, adjustable to take up wear. Five cubic steel blades, wheels 10½ inches high. Designed to meet the most exacting requirements.

15 in.....\$43.00 18 in.....\$45.00 21 in.....\$48.00

COLDWELL'S LAWN TRIMMER AND EDGER

Does what lawn mowers leave undone. It can be run close to walls and trees, cutting grass clean and quickly. Can also be used for trimming edges of walks, etc. It has four blades, 8 inches wide. \$12.00 each.

GRASS CATCHERS

Galvanized sheet metal bottom with heavy duck canvas sides. Hooks to frame of Mower and handle. Easily detached for emptying.

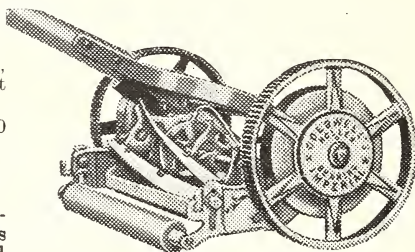
Net prices: 12 in., 14-in., or 16-in., \$2.50; 18-in. or 20-in., \$2.75.

COLDWELL'S UNIVERSAL HORSE LAWN MOWER

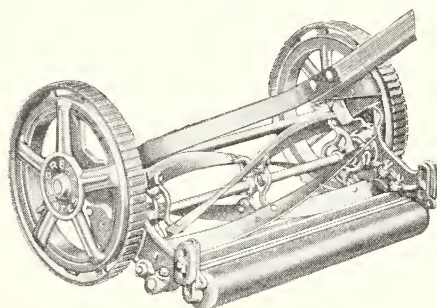
It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

25-in., pony size, 5 blade, \$125.00; 30-in., 4 blade, \$160.00; 35-in., 5 blade, \$185.00; 40-in., 5 blade, \$210.00.

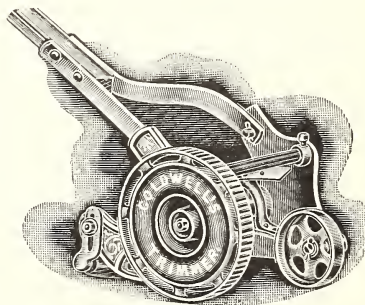
All Lawn Mower prices are subject to change without notice.



Imperial Roller-Bearing Mower



Great States Mower





“EASY” BORDER LAWN MOWER

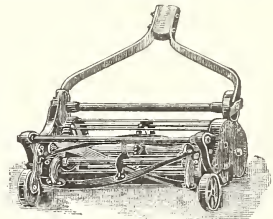
The only mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball-bearings with detachable handle.

12 in. . . \$25.00

Net Prices:
14 in. . . \$27.00

16 in. . . \$30.00

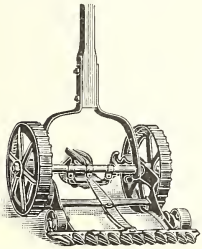


“Easy” Lawn Mower

THE “CLIPPER” MOWER

The cut shows a perspective view of the “Clipper” Mower. In the first place you will observe the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

Net prices: 15 inches, \$11.00; 18 inches, \$13.00; 21 inches, \$15.00.



GREAT AMERICAN MOWER

A double geared mower which gives fine results.
10½-inch high wheel, 5-blade cylinder, ball-bearing.

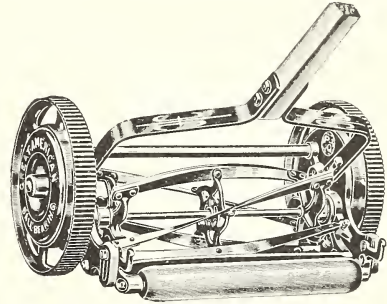
15-in. \$20.00
17-in. 23.00

19-in. \$25.00
21-in. 28.00

PENNSYLVANIA STANDARD, OR JUNIOR LAWN MOWERS

The Pennsylvania is the pioneer of all lawn mowers, having an open cylinder, open wheels and a train of gears. High wheel, 10½-inch diameter.

15-in., 4 blades \$27.00 17-in., 4 blades \$31.00
19-in., 4 blades \$35.00



Great American Mower

PENNSYLVANIA PUTTING GREEN ROLLER MOWER

Has 6 blades, 7-in. iron rollers, all highly finished. 14 in. \$33.00, 16 in. \$36.00, 18 in. \$41.00. Grass Catchers, \$10.00 each.

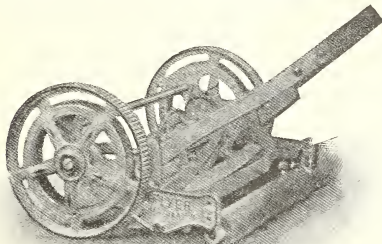
TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six-blade knife reel. 16 in. \$28.00, 18 in. \$30.00, 20 in. \$32.00. Grass Catcher, complete with elevator and deflector, \$8.00.

SUPERB BALL-BEARING LAWN MOWER

This mower has 12-inch wheels, 7-inch, 5-blade reel, 2-gear drive and pinion with double pawl.

14-in. \$20.00 16-in. \$22.00 18-in. \$24.00



TOWNSEND'S FLYER BALL-BEARING LAWN MOWER

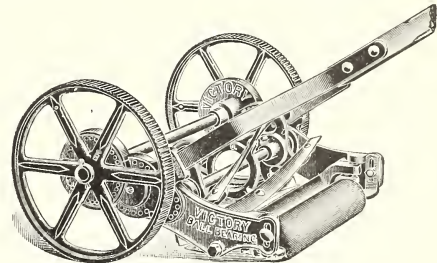
A good, free cutting, easy running mower with open wheel and frame, made on the two-gear principle. Gears well up from the ground and fully shielded so as to exclude dirt and cut grass. Has 9-inch wheels, four-bladed reel.

14 in. \$12.00
16 in. 13.00

“VICTORY” BALL-BEARING LAWN MOWER

This mower is fitted with **Ball Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

14 in. \$18.00 18 in. \$22.00
16 in. 20.00 20 in. 24.00



TOWNSEND TRIPLEX LAWN MOWER

Made with three units of 30 inches each, cutting a swath of 86 inches, \$380.00.

COLDWELL'S COMBINATION ROLLER AND MOTOR LAWN MOWER

Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower, negotiating any grade that a horse-mower can be used on, and running a keen 30-inch or 35-inch cutter over 6 or 8 acres per day. Model "H" weight 850 lbs. Model "G" (same type), 35-inch cut, weight 1000 lbs.

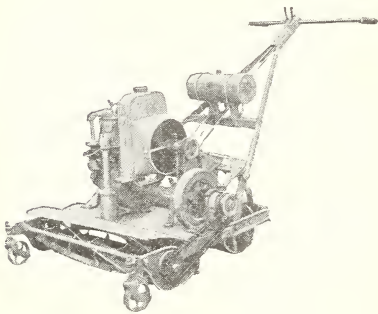
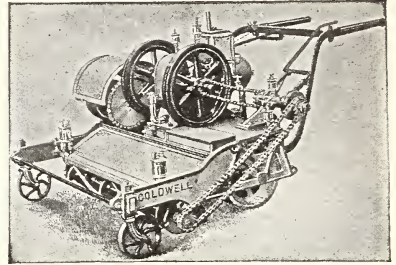
The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model G, 35 in., \$475.00. F. O. B., Newburgh, N. Y.

Model H, 30 in., \$425.00. F. O. B. Newburgh, N. Y.

Grass Catchers for Model G and H, \$30.00.

Riding Sulky for Model G or H, \$20.00.



COLDWELL'S MODEL "L" POWER MOWER

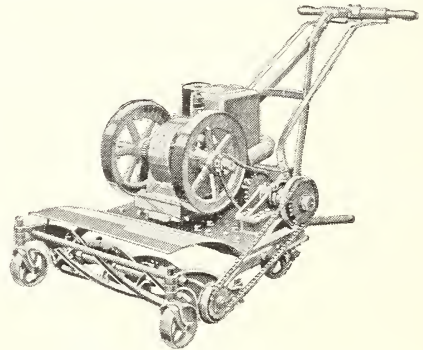
The Coldwell Model "L" Motor Lawn Mower and Roller, twenty-five inch cut, has been designed with a view of combining the extreme flexibility of the hand lawn mower with the large cutting capacity, rolling feature and other advantages and conveniences which can be obtained only with a motor mower.

This mower is adapted for use on private lawns, parks, cemeteries, public grounds and for fine cutting on tennis courts and bowling greens. Weight 400 lbs.

Model L, 25-inch cut, F. O. B., Newburgh, N. Y., \$350.00.

Gang Attachment Complete for Model L, \$60.00.

Grass Catchers for Model L, \$20.00.



COLDWELL MODEL "R" LAWN MOWER

The Coldwell Model "R" mower will cut from 6 to 10 acres of lawn per day, fuel consumption, 1 to 1½ gallons gasoline for 10 hours running. It has an 8-inch diameter, full width drive roller in two sections. Revolving cutter, 6 inches with 5 blades. It has also two gang units that can be attached, making an extreme cutting width of 60 inches. Weight without gang units, 385 lbs.

Model R, 25 inches, \$260.00. F.O.B. Newburgh, N. Y.

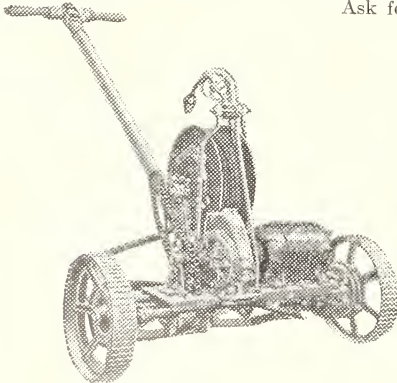
Grass Catcher for Model R, \$20.00.

COLDWELL'S CUB MOTOR MOWER

The "Cub" Motor Lawn Mower is specially designed for small lawns. It cuts 21 inches, has 5 blades, full width drive roller, Timken roller bearings, automatic lubrication, and will cut close to trees or fences. The heavy duty engine will carry its full load on the hottest day. Weight 250 lbs.

Cub, 21 inch cut, \$195.00. Grass Box \$10.00

Ask for special illustrated circular.



COLDWELL ELECTRIC LAWN MOWER

A simple, inexpensive power lawn mower for use on lawns which are not extensive enough to warrant the purchase of a gasoline mower. The electric mower is simple, clean and quiet. The plug will attach to any light socket and current is controlled by push button on the handle. The supply cable is carried on a reel which pays out and takes up automatically.

It has a 5-blade revolving cutter and all gear drives enclosed in dustproof housings and run in oil. 150 feet of supply cable on reel. Weight, 157 lbs. Width of cut 18 and 21 inches.

18 inch \$150.00, 21 inch \$165.00, f. o. b. Newburgh, N. Y.

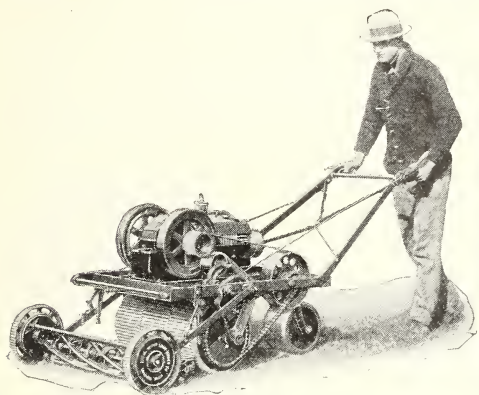
Grass Catchers, \$6.00

THE IDEAL POWER LAWN MOWER

The most popular and the most adaptable of the "Ideal" line. Cuts a 30-inch swath. Rolls as it cuts. Will cut six to seven acres per day. Loosely suspended cutting unit tilts to ride over any irregularity of ground. A general purpose mower that cuts close to trees, shrubbery and flower beds. Mechanically simple—fool-proof—easy to operate.

Either the Model 30 or the Junior rolls as it cuts, thereby insuring a smooth, velvety lawn. All unsightly bumps are leveled, and there is no marring the lawn with hoof-prints or mutilation of shrubbery, as is the case with horse-drawn mowers and rollers. Weight 630 lbs.

Ideal Power Mower, 30-inch, with one cutting mower,
F. O. B. New York.....\$385.00
Extra for riding trailer, \$25.00; grass catcher..... 10.00
Extra for one additional cutting unit..... 63.00

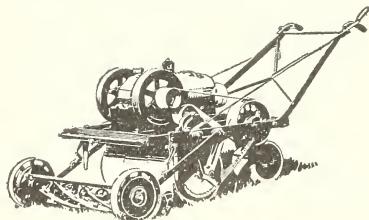


THE IDEAL TWENTY-TWO POWER LAWN MOWER

A baby brother to the Model 30—this twenty-two cuts from three to four acres per day. Cuts a swath 22 inches wide. Built for small grounds, cemetery work, and as an auxiliary unit to the Model 30 on larger grounds. Cuts clean. Adapted to trimming in close quarters. Weight, 430 lbs.

Ideal Junior, 22-inch Power Mower with one cutting mower, F. O. B. New York, \$265.00.

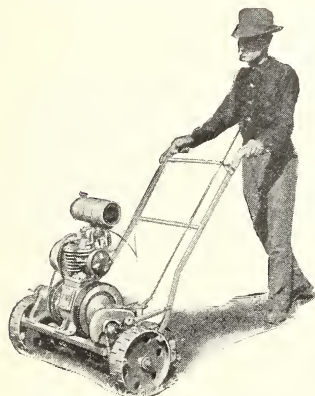
Extra for one additional cutting unit, \$52.00.
Extra for grass catcher, \$7.50.



IDEAL TWENTY-FIVE POWER MOWER

The Ideal "Twenty-Five" is a wheel type power mower adapted to work on lawns that are hilly and have steep grades and terraces to negotiate. It operates on both drive wheels and the cutting unit. Capacity about 5 acres per day. Weight, 310 lbs.

Ideal, 25-inch cut, complete with one cutting unit.....\$290.00
Extra for Riding Trailer..... 25.00
Grass Catcher..... 5.00

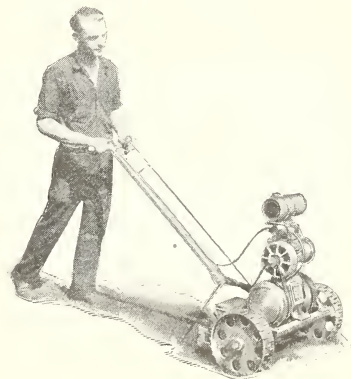


IDEAL TWENTY POWER MOWER

The Ideal "Twenty" has 12 inch traction wheels, 5-blade cutting reel, a cutting capacity of two to four acres per day. Width of cut 20 inches. Single cylinder, 4-cycle, air-cooled engine.

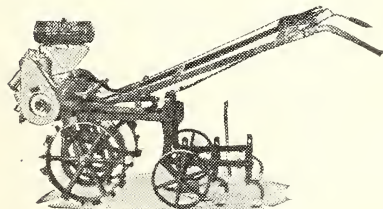
A strongly built outfit for the average small lawn.

Ideal "Twenty"; weight 245 lbs. F.O.B. New York.....\$195.00
Extra for Grass Catcher..... 4.00



BOLEN'S GARDEN TRACTOR

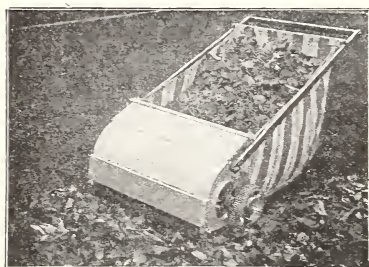
A light weight gasoline propelled power unit ready to hitch to a great variety of useful implements. It can be used for cultivating, hilling, hoeing, seeding, etc. The instant hitch attachment can be used with the interchange of tools. The speed is easily controlled with two driving sprockets from one to three miles per hour. The engine is air cooled and consumes about one gallon of gasoline in ten hours. The arched axle gives a clearance of 16 inches and the width of tractor is 18 inches. It has a double clutch drive with power turn for either wheel. Fully illustrated booklet mailed free on request.



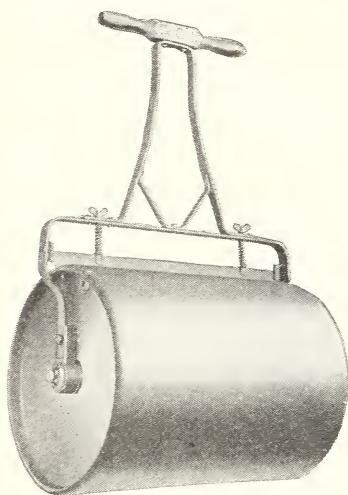
Outfit D-3. Model D. Tractor with D101 instant hitch, one and two row cultivator frame with tool holders, 2 pair of 6 inch hoes and 6 cultivator teeth. Price \$206.40, F. O. B. factory.

Outfit D-4. Model D Tractor with D111 three row cultivator frame with tool holders, 3 pair 6 inch hoes and 10 cultivator teeth. Price \$220.00, F. O. B. factory.

PENNSYLVANIA LAWN CLEANER



A revolving fan with metal teeth creates an air current which carries into the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$35.00. 36 inches wide, \$50.00.



WATER BALLAST ROLLER FOR LAWNS

With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling it with as much water or sand as may be required. When filled with sand they weigh 50% more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.

No.	Diameter	Length	Wgt. Filled	Price
10	14 in.	24 in.	250 lbs.	\$18.50
20	18 in.	24 in.	330 lbs.	22.25
30	24 in.	24 in.	440 lbs.	25.75
40	24 in.	32 in.	590 lbs.	28.00

GRASS SOD and CEMENT TAMPERS

Useful for tamping down sod and uneven spots on lawns, tennis courts and golf grounds. Made of iron, with heavy wooden handle.

Square Pattern. Size 6 in. Weight 12 lbs. Each \$2.25. Size 8 in. Weight 17 lbs. Each \$2.75.



BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.

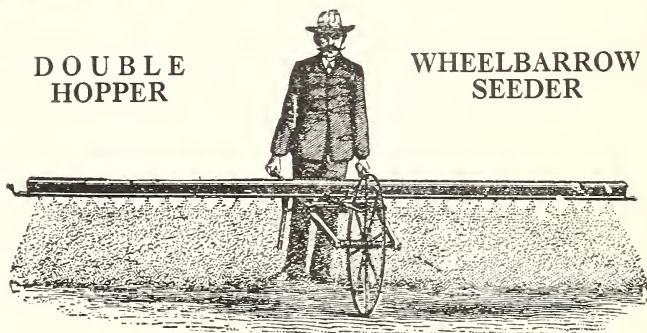


LEATHER HORSE BOOTS

Made with double thick riveted soles and straps to go around the hoof. In ordering send outline of horse's shoe. Per set of four, \$18.00.

DOUBLE HOPPER

WHEELBARROW SEEDER

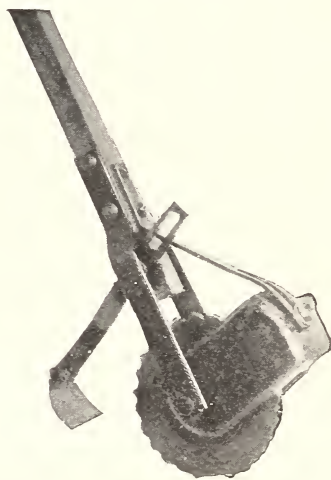


This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. No. 9. Price \$20.00.

THE DIEHL EDGER

This Edger has a cutting disk of saw steel, tempered and sharpened to cut through the sod. The cutting disk is held between two disks which roll upon the grass and prevent the cutting disks from penetrating below the desired depth. A weight surrounds the disks to force the cutting disk through the sod as the tool is pushed along by the handle.

An adjustable plow attachment removes the cut sod for removal. Each \$10.00.



For other LAWN, TENNIS COURT and GOLF SUNDRIES, ask for our Catalogue of Golf Course and Tennis Court Equipment.

CEDAR BEAN POLES

Made from small Cedars with the spurs left on; 8 to 9 feet long, pointed to drive in the ground. Doz. \$3.50, 100 \$26.00.

"ADJUSTO" PLANT SUPPORT

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

The stake is made of hardwood having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust. Wires 13 inches in diameter.

	Each	Doz.
3 feet stakes.....	\$0.30	\$3.00
4 feet stakes.....	.35	3.50
5 feet stakes.....	.40	4.00
Wires only.....	.15	1.50
2 ft. stake with wire 4 1/4 in. diameter for pot plants and Carnations. 100	\$9.50	.12 1.25

THE HARRIS DIRT BAND



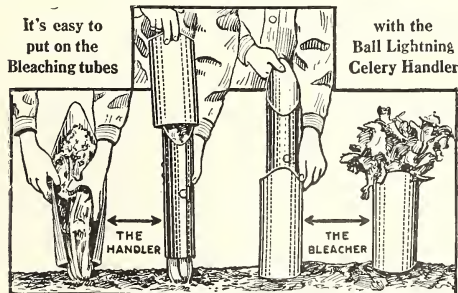
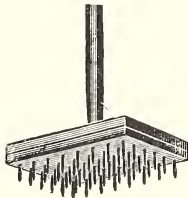
Plants grown in Dirt Bands are not injured in transplanting, as the root system is not disturbed. The bands being square they do not take up as much room as pots and do not dry out so quickly. Bands also make

an ideal cut worm guard when placed around the plant in the garden. 100 1000

No. 1 1/4 B, size 1 3/4 x 1 3/4, depth 2 1/2 in....	\$0.50	\$3.50
No. 2 B, size 2 x 2, depth 2 1/2 in.....	.60	4.00
No. 3 B, size 3 x 3, depth 3 in.....	.70	5.00
No. 4 B, size 4 x 4, depth 3 in.....	.75	5.50

SOD PERFORATOR

Used for renovating bad spots in lawns, terraces, etc. In perforating the ground it permits the seeds to enter the soil and germinate quickly. Size 12 in. x 12 in. with handle. Each \$4.50.

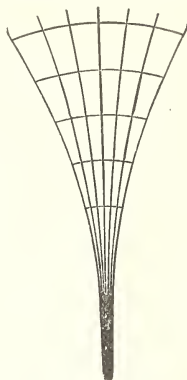


FAN TRELLIS

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 in.	6 in.....	\$0.40
24 in.	10 in.....	.60
30 in.	13 in.....	.80
36 in.	16 in.....	1.40

All painted dark green.



Fan Trellis

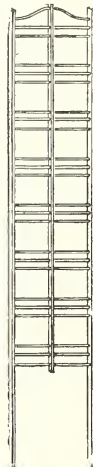
TOMATO STAKES

Made with Cypress, 1 inch square, 5 feet long, pointed at end. Doz. \$2.50, 100 \$16.00.



LATTICE TRELLIS

A substantial plant support for use around doors and windows for plants and vines. Made with three upright supports. Painted green. 8 ft. high, 18 in. wide. Each \$4.00.

VERANDA
TRELLIS

Adapted for outdoor use for climbing vines and Roses. Painted green. 8 ft. high, 18 in. wide. Each \$4.00.

TRELLIS

Made with durable wood. Painted green. 8 ft. high, 24 in. wide; 4 uprights. Each \$1.75.

LAWN MOWER
SHARPENING
COMPOUND

This is a grinding paste used for sharpening lawn mowers. It is applied to the blades and by rotating them backward and forward on the bottom knife it sharpens them in a very few minutes without taking the machine apart. Full directions with each can. Can 60c.



CELERY BLEACHERS

The home grower and private gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Size 6 1/2 x 13 in., 60c. per doz., \$4.50 per 100, \$40.00 per 1000; 7 x 14, 70c. per doz., \$5.00 per 100, \$45.00 per 1000.

CELERY HANDLER

For putting on bleachers. Each \$1.50.

AUTO-SPRAY PUMPS

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any bucket or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Sprayer" No. 1 for small work.



Auto Spray No. 9

- No. 9 B.** Brass tank, with "Auto-Pop" Nozzle, 3½ gals. Screw locking device.....\$9.25
No. 9 D. Galvanized tank with "Auto-Pop" nozzle..... 6.25
Auto-Spray, No. 50 B. Similar to No. 9, with a capacity of 2½ gals. only..... 8.00
No. 100 B. Brass tank with "Auto-Pop" nozzle. Capacity 5 gals.....10.50
No. 100 D. Galvanized tank, with "Auto-Pop" nozzle..... 7.00
 "Auto-Pop" nozzle with hose and connections. 2.00
 "Auto-Pop" nozzle..... 1.50
 Extension pipe, brass, 2 ft. lengths, each.... .60
 Elbow extension, solid brass......35
 Brass strainer..... 1.50
 Set of soft parts for No. 1......25
 Two row attachment, 1 nozzle..... 1.50

JUSTRITE SPRAYER

A very handy sprayer for small work around the garden and whitewashing. Tank 17 in. by 6¼ in. Capacity 2 gals. and automatic nozzle. Galvanized tank. Each \$5.00.



Justrite Sprayer

BANNER NO. 22 SPRAYER

This sprayer is adapted for all spraying purposes, whitewashing and disinfecting. Tank 21 in. by 7½ in., capacity about 4 gals. Automatic nozzle for three different sprays. No. 22 Brass tank, \$9.50.

PARAGON NO. 3 SPRAYER

For spraying trees, vegetables, whitewashing or water paints.

Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

Equipment: 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, one Mist Nozzle, one Steel Cap, one Straight Spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity, 12 gallons, galvanized tank. Price, \$25.00. Without truck, \$21.50.

PARAGON NO. 4 SPRAYER

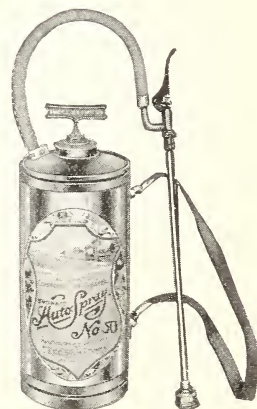
Adapted for fruit or garden spraying. Barrel holds 28 gals., mounted on strong 30-in. iron wheels.

Equipment: 20 ft. Spray Hose, 10 ft. Extension Pipe, 1 Spray Nozzle and 1 Straight Spray. Complete, \$39.50.

AUTO SPRAYER NO. 3

A general purpose sprayer that can be used for any purpose on the farm and garden. It has all steel truck handles and 2-inch face wheel, 8 feet of ¾-in. hose, lever shut-off and screen nozzle.

- Auto No. 3C Brass Tank, capacity 12 gals...\$28.00
 Auto No. 3D Galvanized Tank, capacity 12 gals..... 21.00
 Auto No. 3E Brass Tank with compressed air chamber. Capacity 12 gals..... 40.00
 Extension pipes, 2 ft. 8 in......50

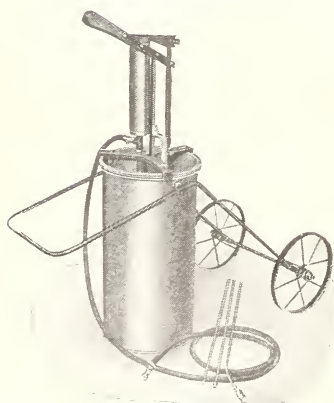


Auto Spray No. 50

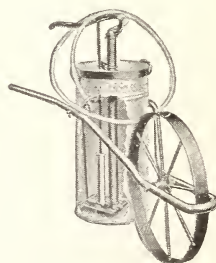


DOUBLE BOTTOM — DOUBLE STRENGTH

Banner Sprayer



Paragon Sprayer No. 3



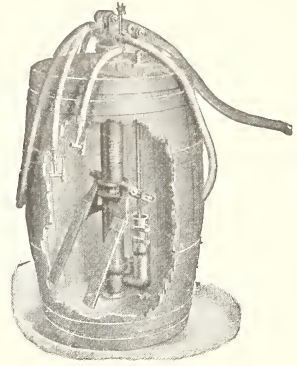
Auto Sprayer No. 3

"POMONA" BARREL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze

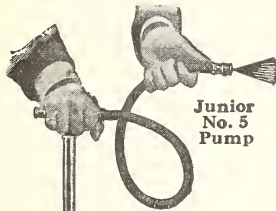
The best orchard barrel sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump , with Agitator and Hose Coupling.....	\$22.00
Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose. and Mistry Jr. Nozzle.....	28.25
Outfit D. Pump with Agitator, two leads, 15 ft. each, Hose and two Mistry Jr., Spray Nozzles.....	34.50
Barrel furnished for above and mounting.....	11.00
Bamboo Extension. 10 ft. long. A brass tube inserted in a bamboo rod. Fitted with brass stop-cock.....	6.00
Iron Pipe Extension. 8 ft. long. Fitted with stop-cock.....	3.50
Barrel Cart. For mounting the above Sprayers. Wheels with 3 in tires, without barrel.....	16.00



BRASS BUCKET SPRAYERS

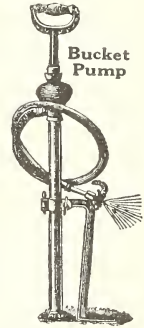
This Spray Pump is especially designed for spraying in gardens and greenhouses. The pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.50.



Junior
No. 5
Pump

JUNIOR No. 5 SPRAY PUMP

This Pump requires no fastening of any kind. All the operator need do is to press the plunger down. It rises itself by a brass spring. Can be used in a pail, tank or barrel. All parts except handle and hose are solid brass. Complete with hose and nozzles as shown in cut, each \$3.50.



Bucket
Pump

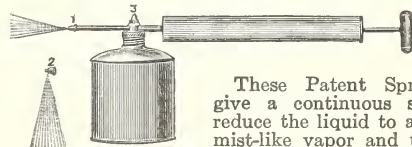
AUTO-SPRAY No. 26A-C

The Auto Spray No. 26 operates continuously on both the up and down stroke and throws a fine misty spray. Two spray caps, one straight and one at an angle for under the leaves. Capacity, 1 quart, 26A tin, \$1.00; 26C brass, \$1.25.

AUTO-SPRAY No. 22A

A single acting hand atomizer. Made from good heavy material. Capacity 1 qt. Pump cylinder, 14 inches by 1 1/4 inches. Length 22 inches. Each 50c.

COMPRESSED AIR SPRAYERS



These Patent Sprayers give a continuous spray, reduce the liquid to a fine, mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the underside of the leaves of plants and shrubs.

No. 2.	Brass pump and reservoir.....	\$2.25
No. 4.	Brass pump, copper reservoir.....	2.50

No. 45 STURDY SPRAY PUMP

The sturdy is made with all brass parts, it may be used in pail or can. Four nozzles for all kinds of spraying. Easily operated by one man. Each \$4.50. Extension rods, 24 inches. Each 60 cts.

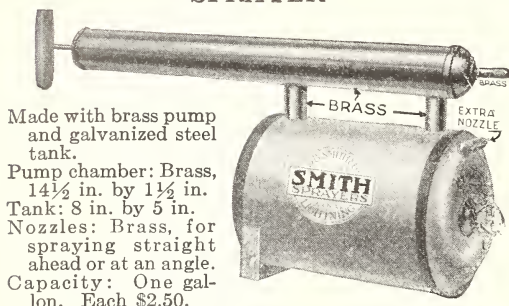
BLIZZARD CONTINUOUS SPRAYER

Made with all brass. Tank is double seamed and easily detached for filling. Nozzle for straight or angle spraying. Capacity one quart. Each \$1.25.



4 IN 1 ADJUSTABLE NOZZLE
STREAM-SPRAY-MIST-VAPOR

SPEEDEX COMPRESSED AIR SPRAYER



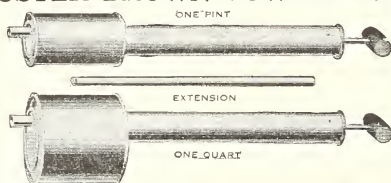
Made with brass pump and galvanized steel tank.
 Pump chamber: Brass, 14½ in. by 1½ in.
 Tank: 8 in. by 5 in.
 Nozzles: Brass, for spraying straight ahead or at an angle.
 Capacity: One gallon. Each \$2.50.

THE MEYER'S POWER SPRAY GUN

MYERS SPRAY GUN.
 LONG DISTANCE SPRAY

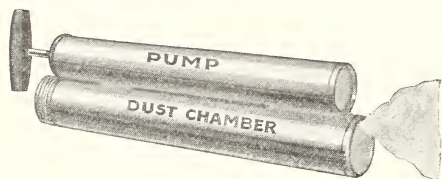
This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for ¾-inch hose coupling and ¼-inch pipe. Each \$7.00.

DUSTER BROWN POWDER GUN



Especially adapted for use in applying insect powders. Length over all, 17 in., with extension 12 in. long. No. 2 B, pint size, \$1.00; No. 2 C, quart size, \$1.25.

DOUBLE BARREL DUST GUN



Will dust all kinds of insecticides; has large dust chamber which is easily filled. Length, 13½ inches. Each 75c.

HUDSON CHEMICAL SPRAYER

The Hudson 160G is designed for oil sprays. It has a 1½-gallon tank with automatic nozzle which controls the compressed air chamber. Nozzle is brass and easily removed for cleaning. Each \$5.00.

KEY DUSTER CARTRIDGES

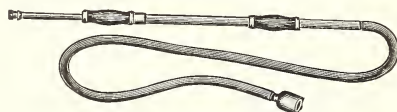
These are filled with powder for the Key Duster Gun.
 For vegetables and small fruit. B. A. Cartridge.
 For flowers and shrubs. Osofiro Cartridge.
 For fruit and vegetables, nearly ripe. Hellebore Cartridge.
 For aphids and many soft-bodied insects. Kaphis Cartridge.
 For orchard fruit. L. A. S. Cartridge.
 All cartridges 15c. each. Postage extra.

JIM DANDY HAND SPRAYER



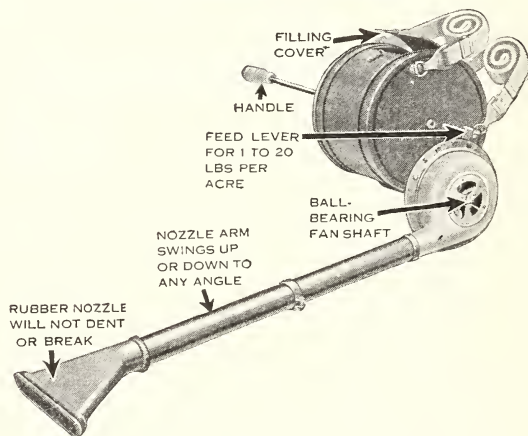
Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Each \$3.50.

AUTO-SPRAY No. 5



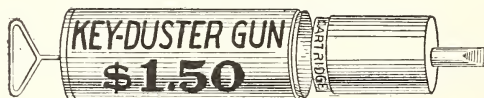
This pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with an extra solid stream cap or long distance nozzle; a heavy strainer on an extension for placing in bucket and 2½ feet ½-inch hose. Can be used in any pail or container. Each \$4.50. Brass extension rods, each 60c.

THE SAVAGE DUSTER



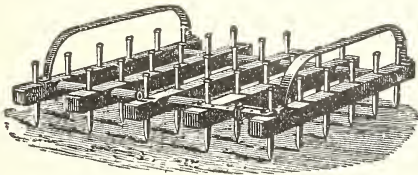
This Duster is made with the finest material and will stand long, hard service. Capacity 7 to 10 lbs. of powder. Adapted for use in dusting all kinds of plants. Easy to carry and operate. Weight, packed, 15 lbs. Price \$20.00.

KEY DUSTER GUN



The new, quick and easy way of using insecticides and fungicides in the cartridge. No handling or mixing of chemicals and without the use of water.
 The gun automatically opens the cartridge and applies the materials to the foliage.
 Filling the long felt want for home garden, small orchard. Price \$1.50.

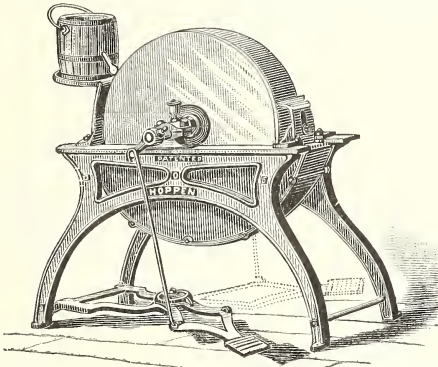
GARDENER'S HARROW



Designed for one horse, convenient to handle and get around garden plots, etc.

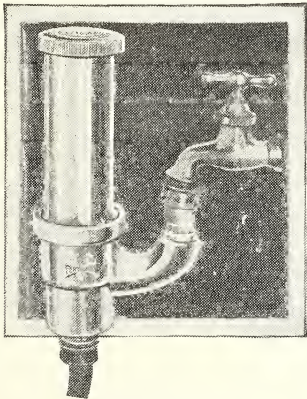
25 teeth with runners.....\$13.00
30 teeth with runners..... 14.00

THE HOPPEN GRINDSTONE



The frame is all iron and is very rigid. Every private estate should have one of these grindstones on hand.

No. 0 Stone, 24x2½ in., with handle, treadle, bucket and shield pan.....\$45.00
No. 1, Stone, 24x3 in., with handle, treadle, bucket and shield pan..... 48.00
F. O. B. Belleville, N. J.

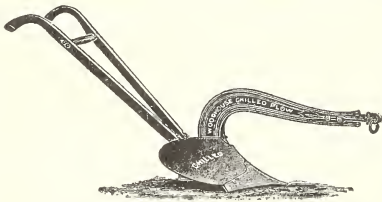


FERTILIZATOR

The Fertilizer is attached to the faucet in watering lawn, gardens or greenhouse. The water passing through dissolves the Fert-O-Stick at the base evenly, giving a uniform strength at all times.

Galvanized Fertilizer, with 3 Fert-O-Sticks, each \$5.00. Fert-O-Sticks, ½ doz. in box. Per box \$2.25.

ONE-HORSE GARDEN PLOW

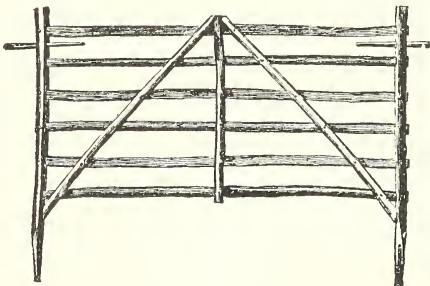


No. 6 iron beam, wood handles; cuts a 3- to 6-inch deep furrow and 7 to 10 inches wide. Weight 65 lbs No. 6. Price, with extra point, \$13.00; with wheel \$2.00 extra.

OLIVER CHILLED PLOWS

These are acknowledged to be the best general purpose plows in the world.
No. B-C-N, one-horse, light; wood or steel beam. \$13.50
No. 10N, one-horse, heavy; wood or steel beam. 17.00
Add for wheel on one-horse plows, \$2.00. Add for jointer on one-horse wood beam plows, \$3.60; steel beam plows, \$4.00.

PORTABLE WOOD HURDLES



They are suitable for inclosing and dividing lots or plots to suit any requirement on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

With 4 bars, suitable for horse and cows, per 100 \$225.00.

With 5 bars, suitable for sheep, per 100 \$235.00.

4-bar Hurdle Gate, 10 ft. long, each \$5.75.

5-bar Hurdle Gate, 10 ft. long, each \$6.50.

Prices subject to change. F.O.B. Dutchess Co., N. Y.



ACME SEEDLING PICKER

A very handy tool for transplanting seedlings and small plants. A great labor and time-saving device Each 25c.

SANITAS PRODUCTS

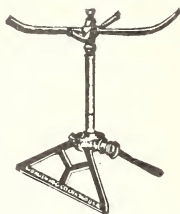
SANITAS ANIMAL SOFT SOAP. For use on all animals. Qt. can \$1.25.

SANITAS "INSECTOL." For chicken mites, etc. Stainless non-inflammable and odorless. Gal. can \$2.25, 5 gals. \$10.00.

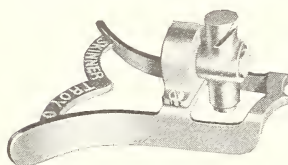
SANITAS "SIXCO." A coal tar disinfectant for outbuildings, stables, chicken houses, etc. Gal. can \$2.25, 5 gals. \$10.00.

CALIFORNIA SPRINKLER

This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price \$2.50.



THE TU-WAY SPRINKLER



Can be used as a circle sprinkler or by giving the nozzle a half turn you have a sprinkler for a half circle to use for borders without wetting the sidewalk. Each \$1.00.

"WATER WITCH" SPRINKLER

This Sprinkler works more satisfactorily with a low pressure of water than any other. No. 4, with stand, \$1.50.

RAIN KING SPRINKLER



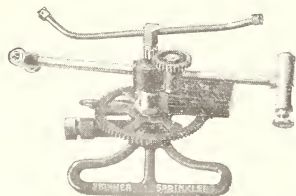
The Rain King is a real innovation in the sprinkler line, and radically different from any other sprinkler ever made. A most wonderful variety of uses. Circular or stationary spray, fine or coarse, fast or slow, large lawn, small lawn, trees, shrubs, flower beds, takes care of them all. Small, compact, easily handled. Simple adjustments. For Putting Greens it is excellent. Each \$3.50.

THE "SKINNER" LAWN MIST SPRINKLER

For lawns, vegetables or flowers this Sprinkler throws the finest mist that can be used out of doors. Mounted on two wheels and a caster. Length 15 feet, five-spray clusters, 36 inches apart. Total 15 nozzles. Each \$14.00, f.o.b. Troy, O.

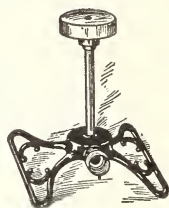
PEACOCK SECTIONAL SPRINKLER

Made to cover large areas in lengths of 12½ feet. Five-spray clusters, 36 inches between. Total 40 nozzles. Each section mounted on a wheel truck at one end. \$18.00 per section, f.o.b. Troy, O.



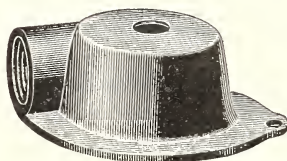
THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds. The nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and nozzle complete. Price \$3.00.



"C. B. G." SPRINKLER

The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each 40c.

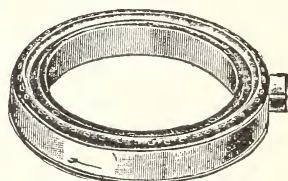


BRASS FOUNTAIN SPRINKLER

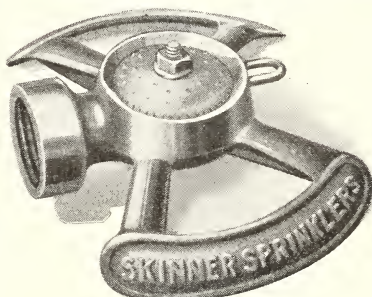
Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water. Price 75c. each.



THE SAUCER LAWN SPRINKLER



The Saucer Sprinkler will cover a circle of from 30 to 50 feet, distributing the water like a refreshing rain. With each sprinkler is a half cap which can be used for a fan-shaped mist over a space of 30 by 20 feet. Simply

remove the full cap and replace the half cap and it is transformed into a half spray. Each 75c.



ROTO RAIN SPRINKLER

A sprinkler made to water large areas. It stands only nine inches high, made in heavy brass, and gears run in water. The large nozzles travel slowly and the inner arms faster. Each \$16.00.

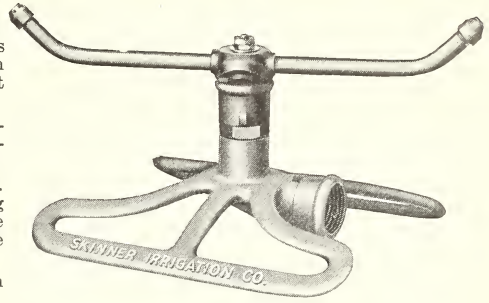
MOR-RAIN SPRINKLER

As a general, all-round sprinkler, a sprinkler that comes nearer to meeting all requirements for the average size lawn than any other sprinkler made, the Mor-Rain is without question the ideal.

It waters both full and half circles. To change from a complete circle to a half circle, just give the nozzle head a half-turn, and the job is done.

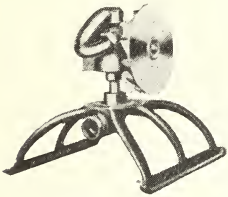
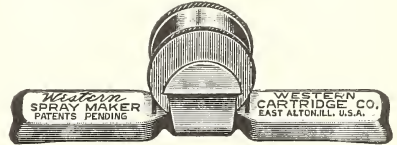
It will throw fine drops of water uniformly over a 50 ft. circle. But you can regulate the area by opening or closing your faucet. The head and arms are made of brass. The base is of iron and weighs 3 lbs., so that it cannot easily be upset. Attractively painted.

Height 8 inches. And like all Skinner sprinklers, Mor-Rain is fully guaranteed. Each \$3.00.



SPRAY MAKER LAWN SPRINKLER

The Lawn Sprinkler that you can move without getting wet. Instead of sprinkling in a circle it sprinkles in a rectangular shape. It can also be used as hose nozzle if desired. All parts made of solid brass. Each 60c.



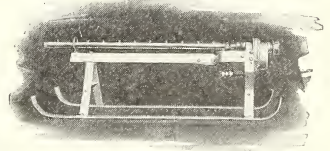
DOUBLE ROTARY LAWN SPRINKLER

This Sprinkler will cover an area up to 80 feet in diameter, giving an equal distribution over the entire area; it is easily regulated to cover smaller areas. It works best on a water pressure of not less than 30 pounds pressure. The gears of hardened steel and bronze are enclosed and run in oil. \$12.50 each.

WATER FAN LAWN SPRINKLERS

Model No. 6 Water Fan. An oscillating sprinkler 18 inches long, with eleven diverging outlet tubes, mounted on a rigid galvanized frame. With a pressure of 30 lbs. it will cover an area 15x50 feet. All gears are enclosed to protect them and provide for soft grease lubrication. Each \$15.00.

Model No. 8 is similar to No. 6, only that it has fifteen outlets, and with a water pressure of 35 lbs. will cover an area of 24x50 feet and is 22 inches long. Each \$18.00.



RAINMAKER LAWN SPRINKLER

This sprinkler is made on the turbine principle, the water coming from the nozzle strikes the turbine paddle on the wheel causing it to revolve. As the turbine wheel revolves it travels around the circular base carrying the jet around about eight times per minute. With a pressure of 40 lbs. it will cover a space of 300 sq. yds. Each \$25.00.

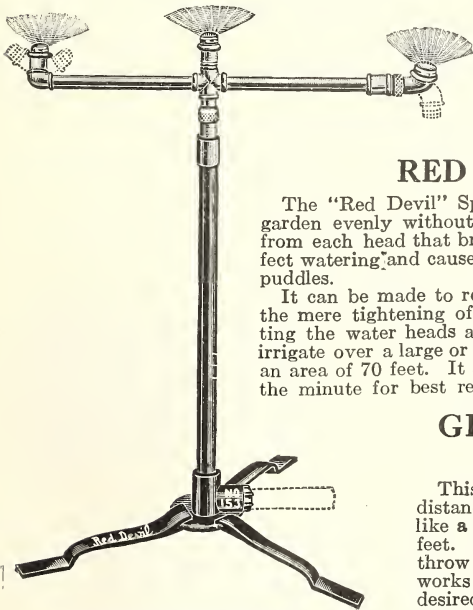
RED DEVIL LAWN SPRINKLER

The "Red Devil" Sprinkler is the only correct method of watering your lawn or garden evenly without waste of water. It sprays perfectly, throwing seven streams from each head that break into a mist-like cloud. This assures perfect watering and causes the water to penetrate instead of laying in puddles.

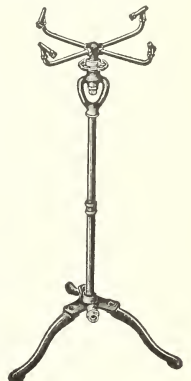
It can be made to revolve at any speed, or made stationary by the mere tightening of the set screw collar below the arms. Setting the water heads at different angles will cause the atomizer to irrigate over a large or small area. When set correctly it will cover an area of 70 feet. It should be regulated to revolve forty times to the minute for best results. **Red Devil, No. 153.** Each \$10.00.

GIANT RAIN KING LAWN SPRINKLER

This Sprinkler is adjustable to height as well as distance, direction and volume of water. It plays like a gorgeous spiral fountain in any circle up to 90 feet. Easily locked so it won't revolve, or will throw water in 1, 2, 3 or 4 directions. Each nozzle works independently, throwing solid stream or any desired spray. It stands 4 feet high and has 20-inch arms. Price \$14.00.

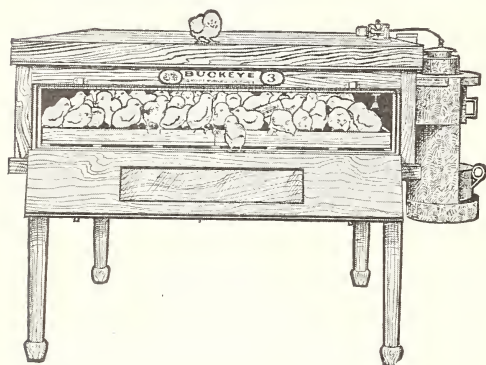


Red Devil Lawn Sprinkler



BUCKEYE INCUBATORS AND BROODERS

All the Buckeye Incubators are hot water heating system and guaranteed to do everything they claim.



BUCKEYE INCUBATORS

No. 14, Style E.	Capacity, 65 eggs.....	\$16.50
No. 16, Style E.	Capacity, 120 eggs.....	27.50
No. 17, Style E.	Capacity, 210 eggs.....	36.75
No. 1, Standard.	Capacity, 120 eggs.....	37.50
No. 2, Standard.	Capacity, 175 eggs.....	44.50
No. 3, Standard.	Capacity, 250 eggs.....	57.75
No. 4, Standard.	Capacity, 350 eggs.....	68.00
No. 5, Standard.	Capacity, 600 eggs.....	107.00

BUCKEYE BROODERS

No. 18. Coal Burner.	Galvanized hover, 42 inches. Capacity, any number up to 500, \$21.50.
No. 19. Coal Burner.	Galvanized hover, 52 inches. Capacity, any number up to 1000, \$26.50.
No. 27 Blue Flame Brooder.	Capacity up to 200 chicks. \$17.50.
No. 28. Blue Flame Brooder.	Capacity up to 350 chicks, \$20.00.

Descriptive catalog of the above mailed on request.

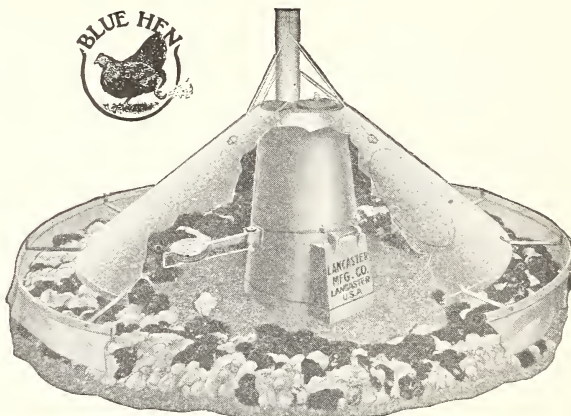
THE BLUE HEN COAL BURNING COLONY BROODER

The Blue Hen is designed right and built right. It is easy to operate and requires but very little attention because of its sensitive automatic regulation. It has extra large coal capacity which enables it to hold the fire from 12 to 15 hours. The cast iron heater is powerful. It heats quickly and holds a steady fire because of its large grate area.

No. 44. Capacity, 500 chicks; diameter of hover, 48 in.; coal capacity, 25 lbs. Price \$21.00.

No. 45. Capacity, 1000 chicks; diameter of hover, 56 in.; coal capacity, 35 lbs. Price, \$26.00.

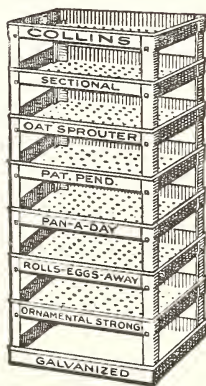
F. O. B. Lancaster, Pa.



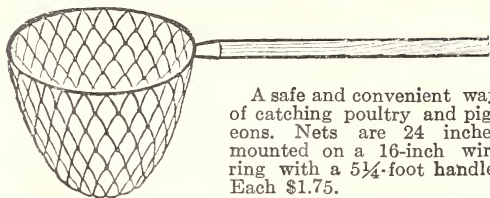
COLLINS OAT SPROUTER

The Collins Oat Sprouter is made in units, eight separate pans of galvanized steel. The pans are 11x15 in. and fit on top of each other. The pans are perforated to furnish the right drainage to insure sprouting of all the fertile grain.

Place beside furnace or in warm room and you have a continuous supply of green feed. With eight pans, 11 by 15 in., each \$4.00. With five pans, 11 by 15 in., \$3.00.



POULTRY CATCHING NET



A safe and convenient way of catching poultry and pigeons. Nets are 24 inches mounted on a 16-inch wire ring with a 5 1/4-foot handle. Each \$1.75.

POULTRY SUNDRIES

Egg Preserver. Water glass. One quart with water for 15 doz. eggs. Qt. 50c., gal. \$1.25.

Egg Testers. Each 50c.

Gape Worm Extractor. Each 30c.

Nest Eggs, China. 3 for 10c., doz. 35c.

Poultry Punches. Moe's Clip and Punch. Each 30c.

Poultry Shears. Nickel plated, \$4.50.

Thermometers. Brooder. Each \$1.00.

Incubator. "Tycos." Each \$1.00.

Hygrometer. An indicator to show the moisture conditions in the incubator. Each \$1.75.

FARMER'S CAPONIZING SETS

Complete with full instructions for any one to use. \$4.00.



SPIR-OL LEG BANDS

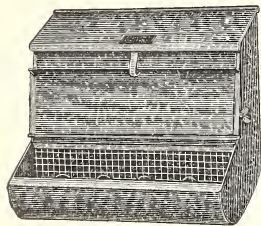
Colors, black, white, blue, amber or ruby.

Made with celluloid in three sizes. 12 for 20c., 25 for 30c., 50 for 50c., 100 for 90c.

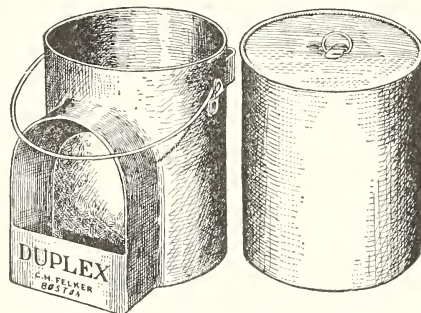
State what breed of chicken they are required for when ordering.

POULTRY FOUNTAINS AND FEEDERS

OAKES HOPPER



Provided with hinged lid over both hopper and trough, making it rat and mouse proof. Height 15 inches by 12 inches long. No. 1, each \$1.75. No. 2, 18 inches long, each \$2.25. No. 3, 24 inches long, each \$2.75.

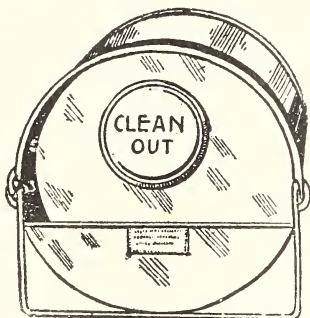


DUPLEX FOUNTAIN

The latest and most practical sanitary fountain on the market. This is a double fount and keeps the water clean and pure. Easy to fill and care for. Each, 4-qt. \$1.15, 8-qt. \$1.40.

"THERMO" FOUNTAIN

This fountain is built to meet the need for a fount that will stay open with reasonable care in Winter, without the aid of any fuel. It is Thermo built and depends on the heat stored in the water in the reservoir chamber, hence in cold weather use hot water. 1 gal. \$2.25, 2 gals. \$2.75.



MOE'S ROUND BABY CHICK FEEDER

SLIDING COVER MAKES FILLING EASY



A great food saver, as the little chicks cannot get into it. No. 11 Small size. Each 20c. No. 12 Large size. Each 35c.

WHEN FILLED AFFORDS PROTECTED FEEDING ACCORDING TO RECOMMENDATIONS FOR A NUMBER OF CHICKS

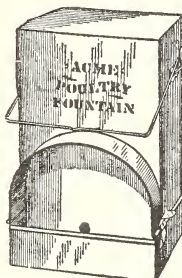
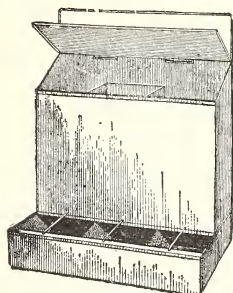


FELKER'S SHELL, GRIT AND CHARCOAL FEEDER

This hopper can be used as a one, two or three compartment feeder. Strongly built of galvanized iron. Each \$1.00.

FELKER'S POULTRY FEEDER

For dry mash, scraps, etc. Each \$1.50.

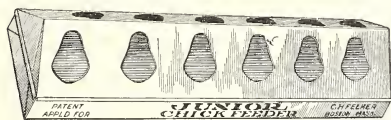


SANITARY DROP BOTTOM FOUNTAIN

A distinct improvement over the one-piece fountain. The bottom is hinged to open and can be easily cleaned.

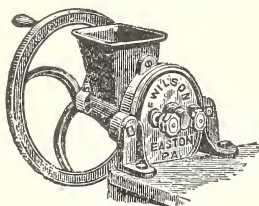
4-quart size \$1.25.
8 quart size \$1.75.

THE JUNIOR CHICK FEEDER



It is practical and sanitary. Will not waste feed. For feeding dry mash, grain, sour milk or water to small chicks. 12 inches long, each 35c.; 20 inches long, each 50c.

GRINDING MILL



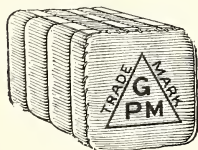
This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc. Hand wheel 22 in. Hopper 2½x3¼x4 in. Weight 33 lbs. To bolt on table or bench.

No. 1, \$5.00.

PEAT MOSS. Torf Mull

Granulated Peat Moss should be used liberally about the garden or greenhouse, for pot plants, window boxes and growing bulbs, etc. It is also useful for mulching perennial beds, lawns, Roses, etc., and mixing with sandy or clayey soils.

Small bale, enough to cover 16 square ft. 1 inch deep. Weight 11 lbs. Postage extra \$1.50
Large bale, 13 cubic ft., covers 240 square ft. 1 inch deep.....\$5.00



EGG BOXES AND CRATES



SELF-LOCKING EGG BOXES

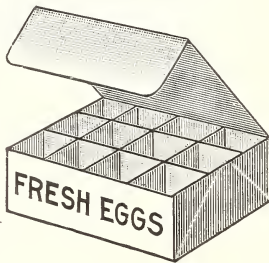
Made with best quality card board. Ventilated and self-locking. 25 for 60c., 100 for \$2.25. 1000 for \$20.00.

FOLDING PAPER EGG BOXES

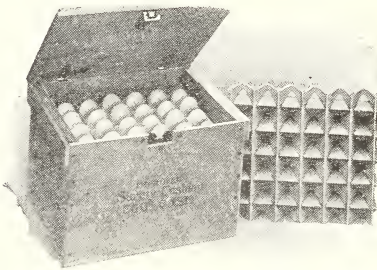
Convenient for carrying a dozen eggs to local customers. Doz. 25c., 50 for 70c., 100 \$1.20, 1000 \$10.00.

EGG CASE FILLERS

Full cushion fillers for cases of eggs. Regulation 2x6 style. 50 for 85c., 100 \$1.60, 1000 \$15.00.



SURETY CUSHION WOODEN EGG CRATES



Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two-doz. size, each \$1.50; 4-doz. size \$1.80; 6-doz. size \$2.10; 8-doz. size \$2.40; 10-doz. size \$2.60; 15-doz. size \$3.25.

Extra Filler Sets, 12-egg size, doz. \$1.50, 100 \$8.00, 24-egg size, doz. \$2.00, 100 \$12.00.

When ordering extra fillers, kindly state what size egg crate they are wanted for.

"RAT CORN"

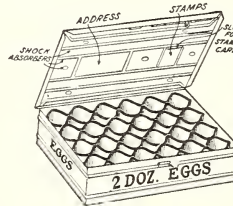
A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Sizes 25c., 50c. and \$1.00.



RAT POISON "ZELIO" PASTE

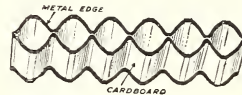
A powerful poison for rats, mice and squirrels. The paste is easily applied to bread and is without taste or odor. 2 oz. tubes, 50c.; 8 oz. cans, \$1.50.

Buy eggs by mail from your country friends shipped in aluminized METAL EGG CRATES



Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying eggs by mail. Light in weight but strong.



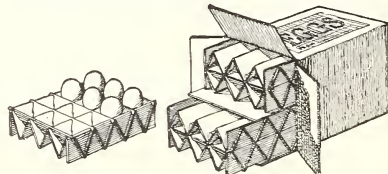
Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Write us about Butter-Egg Crates.

	Prices	Prices
2-dozen size.....	\$1.50	6-dozen size.....\$2.50
3-dozen size.....	1.75	9-dozen size..... 3.25
4-dozen size.....	2.00	12-dozen size..... 4.00

Add postage for 3 lbs. to the price for each 150 miles if wanted by mail.

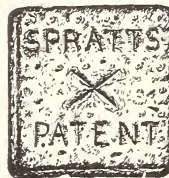
SURETY CUSHION EGG BOX



A simple and safe box for delivery of eggs by Parcels Post. Simple in construction, easily assembled, and the most scientifically constructed egg carrier on the market.

Doz. size.....each 25c., doz. \$2.50, 100 \$18.00
2 doz. size.....each 30c., doz. \$3.00, 100 \$20.00

Extra Filler Sets, 1-doz. size, each 15c., doz. \$1.50, 100 \$8.00; 2-doz. size, each 20c., doz. \$2.00, 100 \$10.00.



"SPRATT'S" MEAT "FIBRINE"

Vegetable Dog Cakes. The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs. Per lb. 20c., 10 lbs. \$1.50, 100 lbs. \$14.00.

POULTRY KILLING KNIVES



Made with finely tempered steel, with nickel handle. Each 65c.



Growell Fiber Pots

GROWELL FIBER POTS

These pots are composed of a material entirely organic in nature. They act as insulators protecting the plants from weather changes and atmospheric conditions. It absorbs and retains moisture that results in rapid root development and healthy plant growth. The roots will penetrate the pots preventing plants becoming pot bound. In transplanting, both pot and plant should be plunged in the ground.

	Doz.	100	1000
No. 2—Size 2 in.....	\$0.60	\$3.00	\$20.00
No. 2A—Size 2¾ in., 4 in. deep....	.65	3.50	22.50
No. 4—Size 4 in.....	.70	4.00	25.00
No. 5—Size 5 in.....	.90	5.00	35.00
No. 6—Size 6 in.....	1.10	6.50	50.00

Add 15c. per dozen if wanted by mail

GARLAND FLOWER GUARD

The Garland Flower Guard forms an excellent protection to flower beds. The ends of pickets, extending below the lowest cable, are pushed in the ground and answer the purpose of posts.

Cables No. 12 wire. Pickets No. 9 wire, spaced 2¼ inches apart.

Made with steel wire and galvanized after weaving.

16 inches wide, per linear foot.....	\$0.18
22 inches wide, per linear foot.....	.20
16 inches wide, per roll 165 feet long.....	20.00
22 inches, per roll 165 feet long.....	21.50

FERGUSON'S SPRAYER

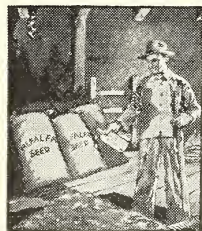


Three roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down red spider, etc. Made of brass and screwed on the end of any ¼ inch hose, \$8.00.

DUD'S GAS

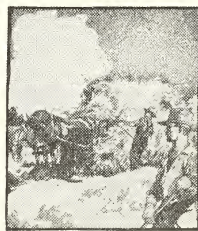
A Liquid Cleaning Compound

Dud's Gas can be used for cleaning greenhouse glass, skylights, cement, marble, stone or terra cotta statues, bird baths, steps or ornaments. It is easily applied and, will not injure the objects or harm the hands in using it. Qt. \$1.25, gal. \$5.00.



Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and
Other Legume Crops
WITH
Mulford Cultures
FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are "different" and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating overcropped and wornout fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for:

Alfalfa Lucerne	Red Clover	Cow Peas	Vetch	Garden Peas
Crimson Clover	Alsike Clover	Soy Beans	Velvet Beans	Garden Beans
Sweet Clover	Bur Clover	Peanuts	Sweet Peas	Lima Beans

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Garden Size for Peas, Beans, Lima Beans and Sweet Peas, 35c.

For Large Seeds, Soy Beans, Cow Peas, etc. 1 bus. size 60c., 2 bus. size \$1.00, 5 bus. size \$2.25, 20 bus. size \$8.00.

For small seeds, Alfalfa, Clovers, etc., ½ bus. size 60c., 1 bus. size \$1.00, 2½ bus. size, \$2.25, 10 bus. size \$8.00

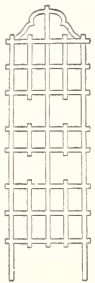
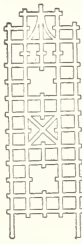
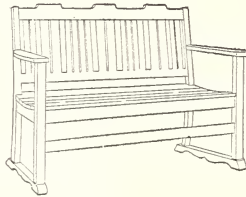
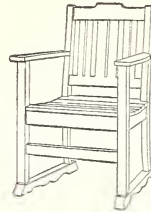
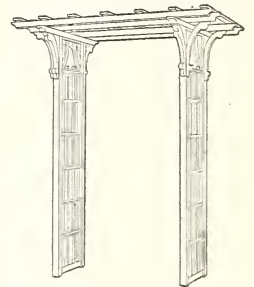
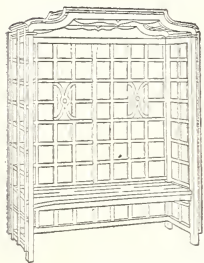
Free descriptive folder sent upon request.



ERECTO GARDENCRAFT

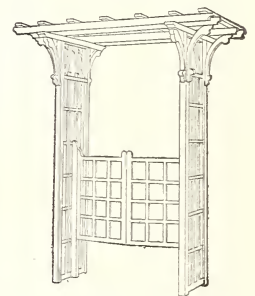
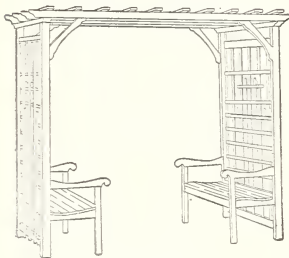
CABINET MADE

SELECTED DRYKILNED CYPRESS "THE WOOD EVERLASTING"

250
TRELLIS200
TRELLIS985
SETTEE975
CHAIR725
ARBOR850
JOSEPHINE ARBOR

No.	Wid.	Hght.	Dep.	Price
975 Chair	2'	2'9"	1'9"	\$12.75
985 Settee	5'2"	2'9"	1'9"	23.00
725 Arbor	5'6"	7'3"	3'8"	(4' path) 45.00

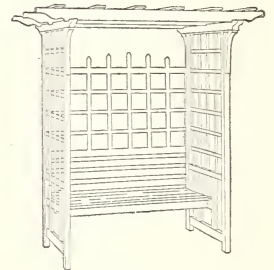
850 Josephine Arbor	4'2"	7'8"	2'	91.00
750 Rose Gate	5'6"	7'3"	3'8"	60.00
950 Pergola	7'6"	7'3"	4'	68.00
925 Bower	6'6"	7'1"	4'8"	51.00
250 Trellis	2'4"	8'		8.00
200 Trellis	2'8"	8'		10.00
500 Table	36"	30"		28.00

750
ROSEGATE950
PERGOLA

All pieces are painted with three coats of best quality weather resisting out-of-door enamel. They can also be furnished unpainted at reduction of fifteen per cent (15%) from above prices.

Each piece is shipped completely assembled, well crated, ready for installation. Anchor Boots furnished with Nos. 725 and 950.

Descriptive Catalogue on request

925
BOWER

CELERY BLEACHING PAPER

A patented, flexible, odorless, waterproof material similar in appearance to patent roofing. It completely excludes the light, keeps the stalks clean because no dirt touches them. The strips are easily applied and a great saving of cost and labor over using boards or dirt.

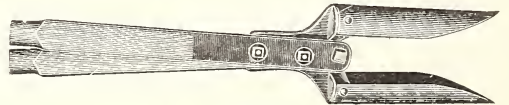
The rolls of bleachers are placed over the holders with a roll on each side of the row, and as they are unrolled the wire arches are placed over the rows to keep the bleaching paper in place.

The rolls are 100 feet long and 12 inches wide. Price per roll, including 25 wire arches 42 inches long, \$5.00; roll handlers, \$1.50 each.



POST-HOLE DIGGER

The blades are 9 in. long and the handles 5 ft. long. Price \$2.50.





A mine of information in each book. Here is a list of standard books written by practical men in language that can easily be understood. **Sound, snappy and full of meat.** No matter whether you are a beginner or an old hand at the business, you can learn something from these volumes.

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We shall be pleased to supply any books not listed above at advertised prices.

INSECTICIDES

AGRI-PAX. A new contact insecticide, founded upon the toxic principle of Pyrethrum. It will kill Japanese Beetle, Rose Beetles, Aphis, Thrips, etc. One of the best sprays for Dahlias. Quart tin \$1.00, gal. \$3.50, 5 gals. \$12.00.

ANSECT (Rose Bug Killer). Highly effective when used on Rose Bugs, many hard-bodied insects, Red Spider, Mealy Bug, and other garden pests. Use one part in thirty to fifty parts of water. Will not discolor the foliage of plants or affect the flowers. A thorough spraying is essential. 4 oz. 30c., pint \$1.00, gal. \$5.00.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

Antrol

The National Ant Control



The Antrol System exterminates the commonly known "house ant"—the species that infests kitchens and eats food and sweet substances. Unlike ordinary control methods it destroys the entire ant colony at the source. Antrol Cottage Sets (containing 9 jars and 6-oz. bottle of syrup), \$1.90; Pint bottles of syrup, \$1.00.

ANT GELATIN, "Marvel." An effective remedy for destroying ants. Tin 50c.

ARSENATE OF LEAD, Powdered, Key Brand. Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 50c., 5 lbs. \$2.25, 10 lbs. \$4.00, 25 lbs. \$8.50, 100 lbs. \$30.00.

AXFIXO. A nicotine preparation for thrips on Dahlias and other plants. 5-lb can \$3.00.

BORDO-LEAD. See Key-Cide.

BORDEAUX MIXTURE, Powder, Key Brand. 12 per cent copper. Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 40c., 5 lbs. \$1.80, 10 lbs. \$3.00, 25 lbs. \$6.50, 100 lbs. \$23.00.

BUG DEATH. Is extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs. Lb. 25c., 3 lbs. 60c., 5 lbs. 90c., 12 $\frac{1}{2}$ lbs. \$1.75.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.50.

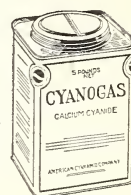
CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. 5 lbs. 75c., 50 lbs. \$5.50.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on, Carnations and Violets. Qt. \$1.50, Gal. \$4.00.

CUT WORM KILLER. This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 50c., 5 lbs. \$2.00, 25 lbs. \$7.50.

CYANOGENAS, G Grade Fumigant (Calcium Cyanide). For fumigating greenhouses, mushroom beds and soils. 1 lb. 75c., 5 lbs. \$3.00.

CYANOGENAS, Grade A Dust. Used destroying aphid, white fly and other insects, also exterminating moles, rats, ants, etc. 1 lb. 75c., 5 lbs. \$3.00, 25 lbs. \$10.00, 100 lbs. \$30.00.



FORMALDEHYDE. A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes, use 1 lb. to 30 gals. of water and soak the tubers about 1 $\frac{1}{2}$ hours before planting. Lb. bottle 40c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Qt. \$1.00, gal. \$3.00.

A complete spray for mildew and black spot on Roses. It will not disfigure the leaves or petals. Pint \$1.25, qt. \$2.00, gal. \$6.00.

Fungtrogen

FUNGICIDE FERTILIZER

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 90c., 10 lbs. \$1.75, 100-lb. keg \$16.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Lb. 55c., 5 lbs. \$2.50.

IMP SPRAY SOAP. Effective against green fly, aphid, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$3.00.

A complete spray, fungicide and fertilizer combined. Use for all leaf eating insects, red spider and mildew. Pint \$1.75, qt. \$2.75, gal. \$8.00.

Insectrogen

TRIPLE SERVICE
FUNGICIDE - INSECTICIDE - FERTILIZER

KEY-CIDE POWDER (Bordeaux and Arsenate). A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. Lb. 45c., 5 lbs. \$2.25, 10 lbs. \$4.00, 25 lbs. \$9.00, 100 lbs. \$32.00.



KEROSENE MISCIBLE OIL, Key Brand. Valuable against all soft-bodied insects. Contains 80 per cent Kerosene. Qt. 75c., gal. \$2.00, 5 gals. \$7.50, 50 gals. \$45.00.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. Qt. \$1.00, gal. \$3.25.



LIME SULPHUR, Dry. Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur, and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 100 lbs. \$18.00.

LIME SULPHUR, Liquid. For spraying fruit trees, etc. 5 gals. \$4.75, 30 gals. \$15.00, barrel, 50 gals. \$22.00.

Insecticides if wanted by parcels post add postage at zone rates.

INSECTICIDES—Continued

MAG-O-TITE. For control of root maggot on Cabbage, Radish and other root crops. 1 lb. 50c., 5 lb. \$1.50, 25 lbs. \$5.00, 50 lbs. \$9.00.

MELROSINE. The general contact insecticide that kills rose bugs and other insects. * Dilute with 20 to 25 parts of water. Pleasant and harmless to use; guaranteed effective when used according to directions on can. Pt. \$1.00, gal. \$6.00.

MO-LO. Poisoned tablets for moles and field mice. Box 25c.

NICO-FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.25, 4 lbs. \$7.50, 8 lbs. \$14.00.

NICO-FUME PAPER. Extra strong tobacco paper for burning. 144 sheets \$5.50, 288 sheets \$10.00.

NICO-FUME POWDER. A specially prepared tobacco powder fumigant to destroy aphids, thrips, etc., in greenhouses. 10-lb. can \$8.50.

NICOTINE SULPHATE "Black Leaf 40." For aphids, thrips, etc., 1-oz. bottle 35c., ½ lb. \$1.50, 2 lbs. \$4.50, 10 lbs. \$15.00.

PARA-DICHLORO-BENZINE. Krystal Gas. The best remedy for Peach tree borers. 1-lb. tin 75c., 5 lbs. \$3.50.

PARIS GREEN. For potato bugs, etc. Lb. 50c., 5 lbs. \$2.25.

PYROX. Bowker's Paste. Kills all leaf-eating insects and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. Lb. 50c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$7.50, 50 lbs. \$12.00, 100 lbs. \$20.00.



PYROX, Powdered. A dry form of Pyrox that is more convenient to handle. Can be used for dusting or mixed with water as a spray. It will keep indefinitely in containers. 1 lb. 65c., 5 lbs. \$2.75, 25 lbs. \$12.00.

RADIO BLIGHT SOAP. For blight, smut, red spider and fungoid diseases, use 1 lb. to 5 gals. water. Lb. \$1.25.

SCALE DESTROYER, TARGET (Soluble Oil). Dormant spray for San José, and Oyster Shell Scale. Most effective for Leaf Roller. Spray for tree infesting scale and most soft bodied sucking insects. 5 gals. \$6.50, 30 gals. \$26.00, 50 gals. \$38.00.

SCALECIDE. For San José scale and spraying all kinds of trees. Qt. 75c., 1-gal. can \$1.75, 5 gals. \$6.50, 30 gals. \$27.00, 50 gals. \$38.00.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 60c., 10 lbs. \$1.20, keg of 125 lbs. \$13.00.

SNAROL. A new prepared meal for cutworms, slugs, snails, sow bugs and grasshoppers. Harmless to vegetation. 1-lb. carton 50c., 3 lbs. \$1.50, 15 lbs. \$3.75.



Semesan is the most effective all-purpose seed and plant disinfectant on the market. The use of this remarkable mercuric compound, either in dust or liquid form, not only provides disease control, but accelerates seed germination, invigorates seedling growth, insures sturdier stands and produces larger, more beautiful flowers, foliage and vegetable crops.

Semesan will control such disease organisms as "damping-off" of seedlings, stem rot of Carnations and root rot of Violets, which are borne in the greenhouse, coldframe and seed bed soils. When choice tubers or bulbs have been cut accidentally or in separation, **Semesan** will protect them from storage molds or rots. It is being increasingly used for the disinfection of cuttings, graftings, tools and general equipment used in agricultural operations.

Descriptive booklets upon request.

Prices: 2 oz. 60c., 8 oz. \$1.60, 1 lb. \$2.75, 5 lbs. \$13.00. Postage extra.

SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 10c., 10 lbs. 75c., 25 lbs. and over, 7c. per lb.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. 1 lb. will make a band 7 to 8 feet long. Lb. can 60c., 5 lbs. \$2.75, 10 lbs. \$5.25, 20 lbs. \$10.00.

TREE WOUND PAINT, Key Brand. Prevents decay. A penetrating antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.00, gal. \$3.00, 5 gal. \$13.00.

TOBACCO DUST. Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$4.50.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 50 lbs. \$3.50, 100 lbs. \$6.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs. \$3.50.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. ½ pt. 40c., pt. 65c., gal. \$3.00.

VOLCK. A scientific insecticide for greenhouse and garden use. Effective against scale, mealy bug, red spider, aphides, thrips and flies. Qt. \$1.00, gal. \$3.00, 5 gals. \$12.00.



WHALE or FISH OIL SOAP. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 35c., 5 lbs. \$1.60, 25 lbs. \$6.00.

WHITE FLY VAPOR (Richard's). An insecticide for vaporizing. Will destroy white fly on Pelargoniums, Fuchsias and other plants without injury to the leaves. No fumigator required. Quart, sufficient for 8000 cubic feet, qt. \$2.50, gal. \$8.00.

WORM ERADICATOR. Used for killing worms at the roots of trees, plants and putting greens. 5-gal. kegs \$20.00, 10 gals. \$35.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide in concentrated form. Useful for outside and greenhouse spraying. ½ pt. 40c., qt. \$1.00, gal. \$3.00, 5 gals. \$12.00, 10 gals. \$20.00, 25 gals. \$50.00, 50 gals. \$90.00.

WILSON'S SCALE-O. The complete dormant spray for scale, bud moth, pear psylla, canker, etc. Gal. \$2.00, 5 gals. \$9.00, 10 gals. \$15.00, 30 gals. \$33.00, 50 gals. \$50.00.

X. L. ALL INSECTICIDE. A well-known English insecticide. Original gallon cans, each \$10.00.

X.-L.-ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.00; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00. Fumigators for above, \$2.00 each.

ZENKE'S FUNGICIDE. Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. Gal. \$2.00.

DU PONT SEMESAN

FERTILIZERS

MARSHALL'S "GROW-ALL" FERTILIZER

Grow-All Fertilizer is composed chiefly of organic matter (blood, bone, etc.), which are the best known available elements for plant growth and make a well balanced fertilizer for lawns, vegetables, flowers and root crops. It is strictly high-grade, dry and free from objectionable odor. For lawns and general crops, apply $\frac{1}{2}$ to $\frac{3}{4}$ ton per acre, or 10 lbs. to 200 square feet. Bags of 100 lbs. \$4.50, 500 lbs. \$20.00, ton \$75.00.

BONE MEAL

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing lawns, Roses, flowers and vegetables. Apply about 1000 lbs. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 50c., 10 lbs. 85c., 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$8.00, ton \$65.00.

BONE, COARSE

A coarse grade, well adapted for Grape vine and Rose borders. 100 lbs. \$6.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 50 lbs. \$3.50, 100 lbs. \$6.50.

BON ARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. 5-lb. pkg. \$2.50, 50 lbs. \$18.00.

CARNATION FOOD

This Carnation food is not a chemical stimulant, but an evenly balanced ration to produce a natural growth, vitality and productiveness. 100-lb. bag \$6.00.

CATTLE MANURE (SHREDDED)

A natural fertilizer for garden crops and lawns. 100 lbs. \$4.00, ton \$65.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$5.50. Very coarse, per bag, \$5.00.

CLAY'S FERTILIZER

Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. 56 lbs. \$7.50, 112 lbs. \$14.00.

DAVIDGE'S MANURE

A well-balanced plant food for lawns, vegetable and flower gardens. 100 lbs. of this manure will do the work of a load of stable manure without its odor or weed seeds. Use 100 lbs. to 1,250 square feet or as liquid a 6-inch pot full to 50 gals. water. 100-lb. bag \$9.00, f.o.b. New York; 500 lbs. \$40.00, f.o.b. Ballston Spa, N. Y.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$9.00.

FLORANID

An organic nitrogen fertilizer for flowers, fruits, vegetables or lawns. $\frac{1}{2}$ -lb. tin 50c., 50-lb. bag \$12.00.

FERTILIS TABLETS

A concentrated fertilizer in tablet form, easy to use, clean and odorless. 100 tablets 25c., 1000 tablets \$2.00.

FOUR SEASONS FERTILIZER

For flower gardens, shrubbery, trees, vegetables, fruits and lawns. Easy to apply and no unpleasant odor. 8 lbs. 50c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.00, ton \$60.00.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. bag \$2.00, 500 lbs. in bags \$7.00, ton in bags \$25.00, f.o.b. Warbasse, N. J.

LIME, HYDRATED

For correcting acids in soils use 8 lbs. for 30 sq. ft. of ground. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 60c., 100 lbs. \$2.00, ton \$30.00.

LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$9.00, f.o.b. West Stockbridge, Mass. or Lime Crest, N. J.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes, grasses, Peas, Beans, Clover, etc. Being extremely soluble it should not be applied until the plants are above ground. 1 lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5-lb. pkg. 45c., 10 lbs. 75c., 50 lbs. \$2.25, 100 lbs. \$4.00, ton \$65.00.

ROSE FOOD (SPRINGFIELD)

Contains just what is needed for the Rose. It is a properly balanced, organic Rose food and entirely takes the place of bone meal, sheep manure or tankage. It stimulates the vitality of the plant and produces a larger crop of more perfect blooms. 10 lbs. \$1.00, 25-lb. bag \$2.00, 100-lb. bag \$6.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00.

SMITH'S CHRYSANTHEMUM MANURE

For Mums, Roses, Carnations, Sweet Peas and other greenhouse plants. 50-lb. bags \$5.50.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bags of 100 to 150 lbs. 7c. per lb.

STADLER'S SUPERIOR PLANT FOOD

Feed your plants new life and beauty with Stadler's SUPERIOR Plant Food. Universal in its year-round use. Use it on potted ferns or plants, Roses, hardy shrubs, trees and lawn. Just dissolve a teaspoonful in the watering pot every time you sprinkle the garden. Clean and odorless. 25c., 50c. and \$1.00 cans.



STIM-U-PLANT

A plant food in tablet form for fertilizing all kinds of growing plants in the home or garden. Tablets should be used in the soil or dissolved in water and applied to the soil. 30 tablets 25c., 100 tablets 75c., 1000 for \$3.50.

FERTILIZERS—Continued

SULPHATE OF AMMONIA, "ARCADIAN"

For lawns, home gardens and fruits. This brand is especially prepared for top dressing, is soluble and quickly available. 10 lbs. \$2.00, 25 lbs. \$3.75.

THOMSON'S TOP DRESSING MANURE

A special English top dressing manure to be used as a stimulant during the growing season for pot plants and benches. 28 lbs. \$4.50, 56 lbs. \$8.00.

THOMSON'S VINE AND PLANT MANURE

A well-known English fertilizer. Valuable for Grape vines and fruit trees grown under glass and outside garden purposes. 56 lbs. \$6.50, 112 lbs. \$12.00.

TOBACCO FERTILIZER

A double action product—a natural fertilizer and insecticide. Controls aphids, cutworms and all soft-bodied insects. 100-lb. bag \$2.50, ton \$45.00.

VIGORO (SWIFT'S)

A specially prepared plant food for lawns, flowers, shrubbery and trees. Vigoro has no unpleasant odor and can be conveniently applied at any time. 100 lbs. \$5.50.

WOOD ASHES

For lawns, gardens and fruits, hardwood ashes are unequaled; 1 to 2 tons per acre. 100 lbs. \$3.00, ton \$50.00.

AMERICAN AGRICULTURAL CHEMICAL CO. FERTILIZERS

"AGRICO" FERTILIZER FOR CORN

Suitable for Corn, garden crops, small fruits, etc. Ammonia, 3 per cent; available phosphoric acid, 10 per cent; potash, 6 per cent. 100 lbs. \$3.00, ton \$50.00.

"AGRICO" FERTILIZER FOR POTATOES

Suitable for Potatoes, root crops and garden truck. Ammonia, 4 per cent; available phosphoric acid, 8 per cent; potash, 6 per cent. 100 lbs. \$3.50, ton \$55.00.

"AGRICO" FERTILIZER FOR TRUCK

A general fertilizer for farm and garden crops and Potatoes. Ammonia, 5 per cent; available phosphoric acid, 10 per cent; potash, 5 per cent. 100 lbs. \$3.50, ton \$60.00.

ACID PHOSPHATE

For mixing with other fertilizers to increase the phosphoric acid content. For farm crops, 16 per cent available phosphoric acid. 200 lbs. \$3.00, ton \$25.00.

MURIATE OF POTASH

For Potatoes, Corn, grain, etc. Analysis, 48 per cent K 2 O. 100 lbs. \$5.00, 200 lbs. \$9.00.

SULPHATE OF AMMONIA

Used for top dressing crops. Ammonia, 24 per cent; nitrogen, 16 per cent. 100 lbs. \$6.00, 200 lbs. \$10.00.

TREE FERTILIZER

Used in the Spring for fertilizing trees. It is best applied by making holes with a crowbar to reach the roots. Bag of 167 lbs. \$6.00, ton \$70.00.

All the above fertilizers are offered, f. o. b. factory at Carteret, N. J.

"ADCO" ARTIFICIAL MANURE

A simple preparation for making stable manure from garden refuse, grass clippings, weeds, leaves, vegetable tops, etc. It contains nothing injurious to health or animal life, is odorless and weed free.

Refuse can be piled in a heap or pit and with "Adco" added to the refuse, causing the bacteria to rot and make manure. Fifty pounds of Adco makes a ton of well rotted manure.

Adco, in 25-lb. bags, enough for 12 wheelbarrows of waste or $\frac{1}{2}$ ton of manure. Each \$2.00.

Adco, in 150-lb. bags, enough to make 3 tons manure. Each \$10.50, f. o. b. Warners, N. J.

WEED KILLERS



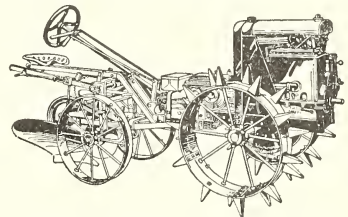
KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 75c., gal. \$2.00, 5 gals. \$7.50, 30 gals. \$35.00, 50 gals. \$50.00.

HERBICIDE WEED KILLER. A liquid preparation for the killing of every kind on roadways, paths, gutters, tennis courts. One gal. makes 40 gals. liquid. Qt. 75c., gal. \$2.00, 5 gals. \$7.50, 10 gals. \$14.00, 30 gals. \$35.00, 50 gals. \$50.00.

WILSON'S WEED KILLER. Kills all plant growth. It is a clean, odorless highly concentrated liquid. When diluted with water—1 part Weed Killer to 40 or 50 parts of water, it is a sure death to all weeds. Qt. 75c., gal. \$2.00, 5 gals. \$8.00, 10 gals. \$15.00, 50-gal. drum \$50.00.

CENTAUR TRACTOR

The "Centaur" is the highest type power unit made for general farm use. It is an ever-ready, all-purpose tool, positive in action and flexible in control. In all kinds of work the "Centaur" is easy to operate, quicker and cheaper than it can be done in any other way. It is a riding tractor and the entire construction is of the unit type. All implements are quickly and easily attached.



A fully illustrated catalogue sent on request.

Model G Centaur Tractor, with Automatic Governor Extension Rims and complete Lug Equipment... \$484.00
Riding Sulky 58.00
Plow and Roller Coulter 23.50

List of all other attachments sent on request.

Prices f. o. b. Greenwich, O., or \$15.00 additional for shipment from Philadelphia or Poughkeepsie, N. Y.

The prices quoted in this catalogue are subject to change without notice.

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MARSHALL'S PLANTING TABLE

Vegetable Seeds for Planting in Hotbeds in March

BEANS
BEETS
EARLY CABBAGE
EARLY CARROT

CAULIFLOWER
CELERY
EGGPLANT
ENDIVE

KOHL-RABI
LEEK
LETTUCE
ONION

PARSLEY
PEPPER
RADISH
TOMATO

Seed Sowing and Planting Table for Vegetables for Home Gardeners in New York and Vicinity

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Germinate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed, etc., Required	Depth to Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe.....	May.....	.....	.....	2-3 ft.....	2-3 ft.....	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem.....	April.....	.....	.....	1-2 ft.....	2-3 ft.....	Peck for 100 ft. row	3 in.
ASPARAGUS, Seeds.....	April & May.....	20 to 28	3 to 4 years.	.....	.....	2 oz. for 100 ft. row..	1-2 in.
ASPARAGUS, Roots.....	April.....	.....	.....	1 ft.....	2 ft.....	100 for 100 ft. row...	3-5 in.
BEANS, Dwarf.....	May to Aug.....	6 to 10	45 to 75 days	3 in.....	2 ft.....	1 qt. for 150 ft. row..	½-2 in.
BEANS, Pole and Lima...	May to June.....	6 to 10	65 to 100 "	3 ft.....	4 ft.....	1 qt. for 100 hills...	1-2 in.
BEETS.....	April to Aug.....	7 to 10	60 to 75 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale).....	.....	.....	.....	.....	.....	.....	.....
For Spring use.....	Aug. & Sept.....	6 to 10	85 to 120 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
For Fall use.....	June.....	6 to 10	85 to 120 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July.....	6 to 10	100 to 120 "	1½ ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
CABBAGE, Early.....	April.....	6 to 10	100 to 125 "	1½ ft.....	2 ft.....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Late.....	May to June.....	6 to 10	120 to 180 "	2½ ft.....	2½ ft.....	¼ oz. for 100 ft. row	½ in.
CARROT, Early.....	April.....	10 to 15	65 to 85 "	4 in.....	1½ ft.....	½ oz. for 100 ft. row	½ in.
CARROT, Late.....	May to July.....	10 to 15	100 to 120 "	5 in.....	2 ft.....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early.....	April.....	6 to 10	100 to 115 "	1½ ft.....	2½ ft.....	¼ oz. for 100 ft. row	½ in.
CAULIFLOWER, Late...	May & June.....	6 to 10	100 to 135 "	2 ft.....	3 ft.....	¼ oz. for 100 ft. row	½ in.
CELERY.....	April.....	12 to 20	125 to 150 "	6 in.....	3 to 5 ft.	¼ oz. for 100 ft. row	½ in.
CHERVIL.....	April & May.....	6 to 10	.....	broadcast.	20 in.....	1 oz. for 100 ft. row..	1 in.
CORN, Sugar.....	May to July.....	8 to 10	60 to 100 "	3 ft.....	4 ft.....	1 qt. for 200 hills...	1-2 in.
CRESS, Curled.....	April.....	4 to 6	30 "	broadcast.	1 ft.....	½ oz. for 100 ft. row	on surface
CUCUMBER.....	May to July.....	6 to 8	60 to 85 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
EGGPLANT.....	.....	10 to 14	125 to 160 "	2½ ft.....	2½ ft.....	½ oz. for 100 ft. row	½-1 in.
ENDIVE.....	April to Aug.....	6 to 10	75 to 100 "	1 ft.....	1 ft.....	1 oz. for 100 ft. row.	½-1 in.
HORSE RADISH.....	April & May.....	.....	.....	14-20 in.	2½ ft.....	70 roots for 100 ft..	3-4 in.
KOHL-RABI.....	April to July.....	6 to 8	65 to 85 "	1 ft.....	2 ft.....	¼ oz. for 100 ft. row	½ in.
LEEK.....	April & May.....	6 to 10	120 to 160 "	6 in.....	1½ ft.....	¼ oz. for 100 ft. row	1 in.
LETTUCE.....	April to Aug.....	6 to 10	75 to 100 "	1 ft.....	1 ft.....	¼ oz. for 100 ft. row	½ in.
MELON, MUSK.....	May to June.....	6 to 10	90 to 120 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
MELON, WATER.....	May to June.....	8 to 12	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 30 hills....	1-2 in.
ONION Seed.....	April & May.....	6 to 10	120 to 150 "	3 in.....	1 ft.....	½ oz. for 100 ft. row	½-1 in.
ONION Sets.....	April & May.....	.....	.....	3 in.....	1 ft.....	3 pts. for 100 ft. row	1-2 in.
PARSLEY.....	April & May.....	18 to 24	90 to 100 "	4 in.....	1 ft.....	¾ oz. for 100 ft. row	½ in.
PARSNIP.....	April.....	12 to 18	100 to 150 "	6 in.....	1½ ft.....	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled.....	April to July.....	5 to 10	50 to 75 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row..	2-3 in.
PEAS, Smooth.....	April to Aug.....	5 to 10	50 to 65 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row..	2-3 in.
PEPPER.....	.....	10 to 14	135 to 150 "	2 ft.....	2½ ft.....	½ oz. for 100 ft. row	½ in.
POTATOES.....	April to June.....	15 to 25	75 to 100 "	10 in.....	2½ ft.....	1 pk. to 100 ft. row..	4 in.
PUMPKINS.....	May to June.....	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
RADISH.....	April to Sept.....	4 to 6	25 to 50 "	2-4 in.....	1 to 1½ ft	1 oz. for 150 ft. row..	½-1 in.
RHUBARB ROOTS.....	April & May.....	.....	.....	3 ft.....	3 to 5 ft.	33 plants for 100 ft..	2-3 in.
SALSIFY.....	April.....	6 to 10	100 to 150 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1 in.
SPINACH.....	April to Sept.....	6 to 12	60 to 75 "	4 in.....	1 to 1½ ft	1 oz. for 200 ft. row.	1-2 in.
SQUASH, Summer.....	May to July.....	6 to 10	60 to 75 "	4 ft.....	4 ft.....	1 oz. for 50 hills....	1-2 in.
SQUASH, Winter.....	May to June.....	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
TOMATO.....	June.....	6 to 10	125 to 150 "	3 ft.....	3 ft.....	½ oz. for 100 hills...	½-1 in.
TURNIP.....	April to Sept.....	4 to 7	60 to 75 "	6 in.....	1 to 1½ ft	½ oz. for 100 ft. row	½-½ in.

Insecticides to Use for Insects and Fungous Diseases

Insects that suck the juices from Plants and Foliage. In powder form, use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying, use Aphine, Black Leaf 40, Kerosene Miscible Oil, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Ansecto, Aphine, Arsenate of Lead, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide, Lime Sulphur or Wilson's Plant Spray.

Fungous Diseases. Spray with Bordeaux, Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.

QUANTITIES OF FERTILIZER TO USE

Bone Meal. 5 lbs. to 100 sq. ft.; ½ to 1 ton per acre.

Blood and Bone (Tankage). 300 to 500 lbs. per acre.

Lime, Hydrated. For lawn, 100 lbs. to 400 sq. ft., 1 ton per acre on light soils; 2 tons per acre on heavy soils.

Nitrate of Soda. 1 oz. to 2 gals. water; 100 to 200 lbs. per acre.

Sheep Manure. 1 lb. to 5 gals. of water, 500 to 600 lbs. per acre.

1928



W·E·Marshall & Co·Inc.
150 West Twenty Third St.
New York